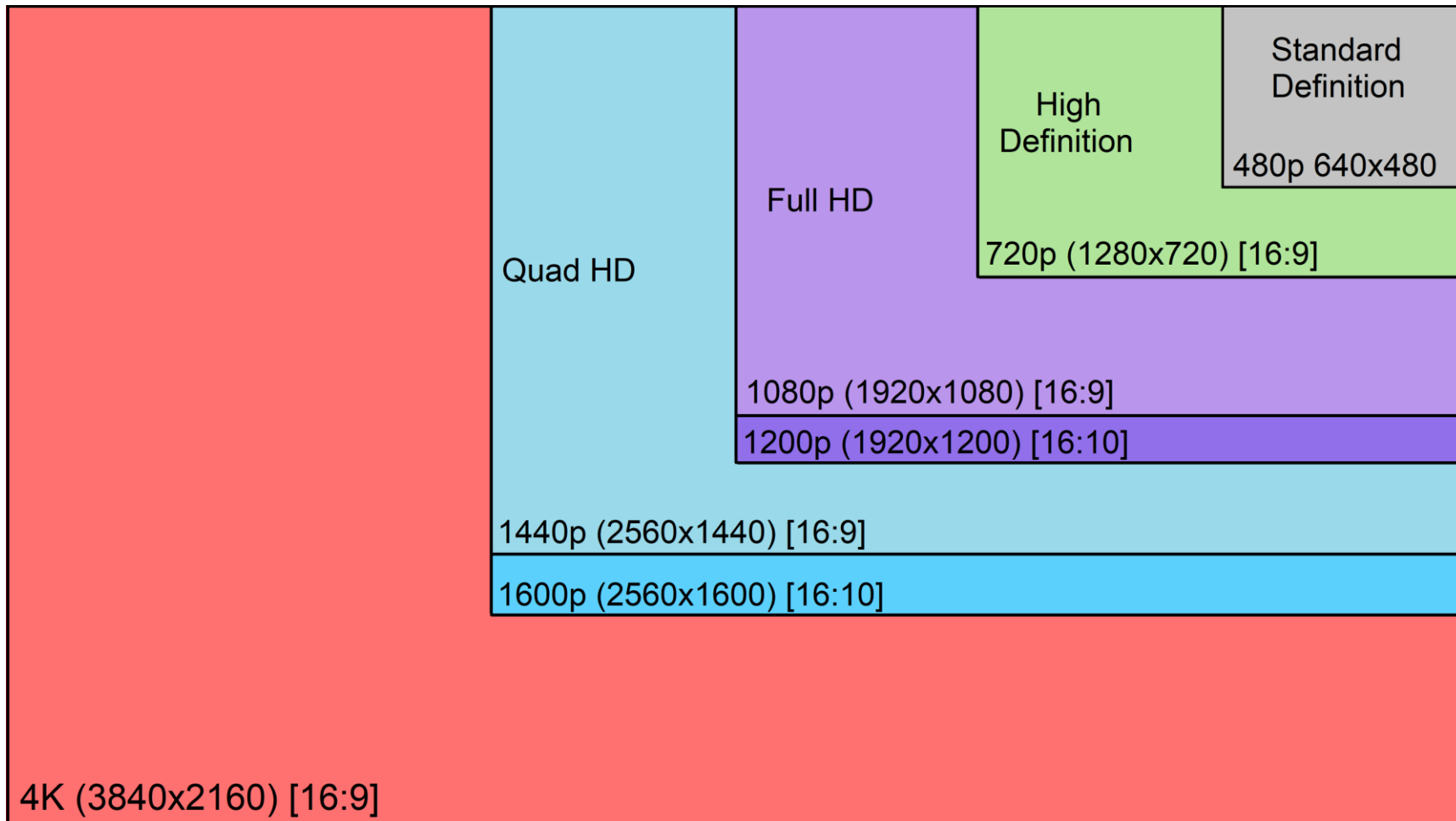


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Poredaj rezolucije zaslona od najveće do najmanje:

QHD, 144p, 8K, Full HD, 480p, 4K DCI, 720p, 4K UHD



SD (Standard Definition) - 480p

HD 720p

Full HD – 1K

1080p

1200p

Quad HD – 2K

1440p

1600p

4K

UHD - 3840 × 2160

DCI - 4096 × 2160

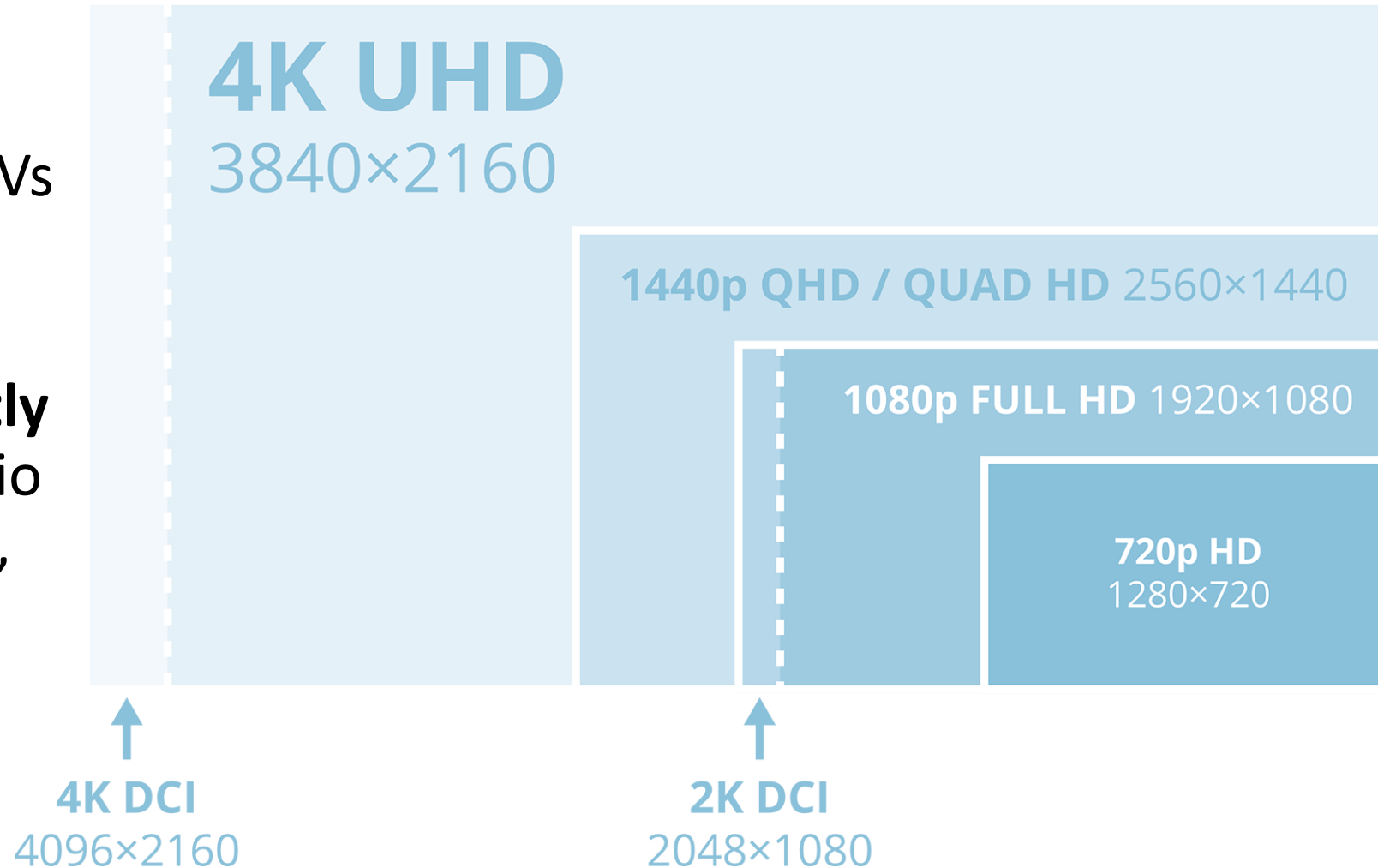
8K

UHD - 7680 x 4320

DCI - 8192 x 4320

DCI - Digital Cinema Initiatives

- 8K UHD has the standard 16:9 aspect ratio used by the majority of modern TVs and computer monitors, has 7680 x 4320 pixels.
- 8K DCI refers to the **slightly wider 256:135** aspect ratio used in **movie projection**, measuring 8192 x 4320 pixels



A brief summary of some popular high-definition resolutions.

- SD: 1280 x 720px (16:9 aspect ratio or 1.77:1)
- 2K HD: 1920 x 1080px; 16:9 aspect ratio or 1.77:1
- 4K UHD: 3840 x 2160px, 1.77:1 aspect ratio; 4K UHD is a consumer 4K definition, also abbreviated as just UHD or 4k
- 4K DCI: 4096 x 2160px, 1.9:1 aspect ratio (256:135); it's twice 2K; Under the 4K DCI specification other cropped versions exist:
 - **Flat cropped** - 3996 x 2160px; 1.85:1 aspect ratio
 - **CinemaScope cropped** - 4096 x 1716px; 2.39:1 aspect ratio,
- 5K: 5120 x 2880px
GoPro 10 for example has its own specs and offers 5.3K (5312 x 2988px; 16:9 aspect ratio or 1.77:1)
- 6K: 6144 x 3160px (1.94:1 aspect ratio)
- 8K: 7680 x 4320px (16:9 aspect ratio or 1.77:1)

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- Zamislimo nogometni gol i podijelimo ga na piksele tako da je broj piksela po horizontalnoj strani (prečki, gredi) i po vertikalnoj strani (stativi) jednak kao i brojevi horizontalnih i vertikalnih piksela na ekranu Full HD rezolucije.
- Nulti piksel je na sredini gola po horizontali i na tlu po vertikali.
- Luka Modrić puca penal i pogodi na lokaciju koja je petstoti piksel desno i dvijetisućiti piksel gore.
- Gdje je pogodio?
 - zabio je gol
 - promašio je gol jer je pucao s desne strane gola
 - pogodio je desnu stativu
 - pucao je preko gola