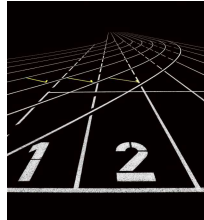
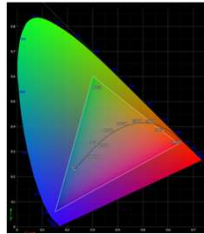


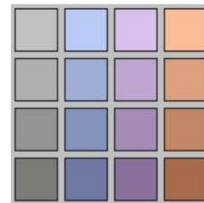
# Why do we need so many color spaces?



More Intuitive



Wider Gamut



Perceived Accuracy



# OKLCH, LCH

**L**ightness

**C**hroma

**H**ue

And it's ok...

Perceived Lightness: 0-1 or 0-100%



Chroma: 0 - ... usually about 0.37



Hue: 0 to 360





# HWB

Hue  
Whiteness  
Blackness

Hue (0 – 360 degrees)



Whiteness (0% – 100%)



Blackness (0% – 100%)



# LAB, OKLAB

Lightness

A channel

B channel

Lightness (0% – 100%)



A: Green – Magenta axis (-160 - +160)



B: Blue – Yellow axis (-160 - +100)

