

Converting Colors

CIELCh(36, 25.238, 308.075)

Have a look what the booklet for
CIELCh(36, 25.238, 308.075)
contains.

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Color

CIELCh(36, 25.765, 308.193)

Conversions

Conversions Part 1

Format	Color
Hex	5E4D75
RGB	94, 77, 117
RGB Percent	37%, 30%, 46%
CMY	0.6307, 0.6974, 0.5405
CMYK	0.20, 0.34, 0.00, 0.54
HSL	266°, 21%, 38%
HSV	266°, 34%, 46%
XYZ	10.5205, 9.0082, 18.0684
YIQ	86.6430, -2.7080, 16.0440

Conversions

Conversions Part 2

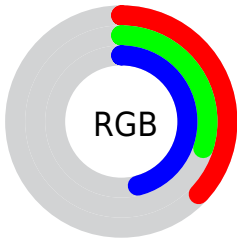
Format	Color
RYB	94, 77, 117
Decimal	6180213
CIELab	36.00, 15.93, -20.25
CIELCh	36, 25.765, 308.193
Yxy	9.0082, 0.2798, 0.2396
Android (android.graphics.Color)	4284370293 (0xFF5E4D75)
YUV	86.6430, 14.9660, 6.4521
Hunter-Lab	30.0136, 10.0447, -14.6834

Details

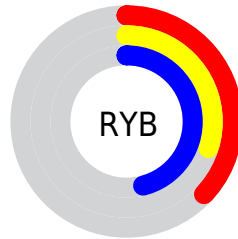
The CIELCh color $[36, 25.765, 308.193]$ is a dark color, and the websafe version is hex `666699`. A complement of this color would be $[47, 24.413, 124.803]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 25.703, 308.305]$, and $[16, 25.725, 307.960]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 33.687, 308.804]$, and if you desaturate by 10%, it is $[40, 17.977, 307.612]$.

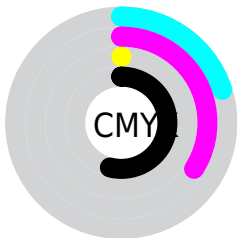
Distribution



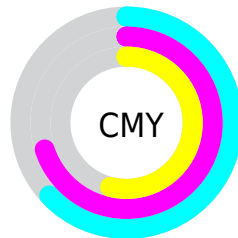
- Red (37%)
- Green (30%)
- Blue (46%)



- Red (37%)
- Yellow (30%)
- Blue (46%)



- Cyan (20%)
- Magenta (34%)
- Yellow (0%)
- Black (54%)





- Cyan (63%)
- Magenta (70%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 25.765, 308.193 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 36, 25.765, 308.193 by changing the saturation by 10% instead.


 36, 25.765,
308.193


 36, 25.765,
308.193

 100, 25.765,
308.193


 26, 25.765,
308.193

 56, 25.765,
308.193


 16, 25.765,
308.193


 66, 25.765,
308.193

 6, 25.765, 308.193

 76, 25.765,
308.193

 0, 25.765, 308.193

 86, 25.765,
308.193

 96, 25.765,
308.193

■ 36, 25.765,
308.193

■ 36, 25.765,
308.193

■ 32, 33.687,
308.804

■ 40, 17.977,
307.612

■ 28, 41.639,
309.420

■ 44, 10.380,
307.075

■ 25, 49.431,
309.998

■ 48, 3.000, 306.574

■ 22, 56.751,
310.470

■ 52, 4.156, 126.175

■ 19, 63.143,
310.738

■ 55, 11.090,
125.780

■ 17, 68.142,
310.713

■ 59, 17.808,
125.438

■ 15, 71.047,
310.771

■ 63, 24.319,
125.140

■ 67, 30.634,
124.880

■ 71, 36.764,
124.655

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36, 25.765, 308.193



47, 24.413, 124.803

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36, 25.765, 308.193



36, 25.765, 358.193



36, 25.765, 128.193



36, 25.765, 178.193

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36, 25.764, 308.193



58, 9.079, 306.877



41, 12.903, 250.668



29, 6.167, 306.933



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36, 25.764, 308.193



43, 38.844, 308.674



38, 28.282, 323.768



23, 4.103, 306.817



16, 73.339, 310.720



38, 125.137, 310.126

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38, 21.672, 342.620



47, 32.278, 343.421



46, 28.142, 140.135



23, 3.528, 340.443



26, 50.539, 353.790



54, 84.932, 355.800

Previews

White Background



This preview shows how the CIELCh color 36, 25.765, 308.193 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 36, 25.765, 308.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 25.765, 308.193

Background



This preview shows how black text looks on a background with the CIELCh color 36, 25.765, 308.193.



This preview shows how white text looks on a background with the CIELCh color 36, 25.765, 308.193.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


36, 25.765, 308.193

Protanopia

36, 23.755, 284.056

Deuteranopia

36, 20.002, 284.177



Tritanopia
36, 4.532, 324.750

Trichromacy



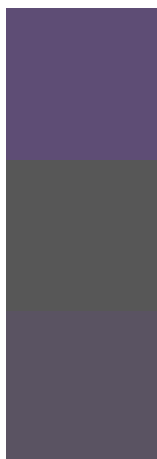
Original Color
36, 25.765, 308.193

Protanomaly
36, 23.592, 292.213

Deuteranomaly
36, 21.130, 293.547

Tritanomaly
36, 11.963, 311.726

Monochromacy



Original Color
36, 25.765, 308.193

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 9.779, 308.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 25.765, 308.193 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(94, 77, 117)` looks like.

```
.text, #text, p{  
    color:rgb(94, 77, 117)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(94, 77, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 77, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 25.765, 308.193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 77, 117) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(94, 77, 117) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(94, 77, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 77, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 77, 117);  
box-shadow:4px 4px 4px 4px rgb(94, 77,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 25.765, 308.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 77, 117) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(94, 77,  
117) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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