

Converting Colors

CIELCh(36, 2.629, 37.772)

Have a look what the booklet for
CIELCh(36, 2.629, 37.772) contains.

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Color

CIELCh(36, 2.679, 33.009)

Conversions

Conversions Part 1

Format	Color
Hex	595352
RGB	89, 83, 82
RGB Percent	35%, 33%, 32%
CMY	0.6494, 0.6729, 0.6768
CMYK	0.00, 0.07, 0.08, 0.65
HSL	9°, 4%, 34%
HSV	9°, 8%, 35%
XYZ	8.8220, 9.0082, 9.3371
YIQ	84.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

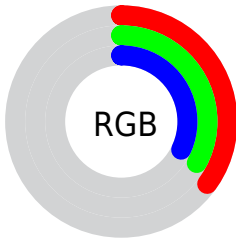
Format	Color
R _Y B	89, 83, 82
Decimal	5854034
CIE Lab	36.00, 2.25, 1.46
CIE LCh	36, 2.679, 33.009
Yxy	9.0082, 0.3247, 0.3316
Android (android.graphics.Color)	4284044114 (0xFF595352)
YUV	84.6800, -1.3212, 3.7886
Hunter-Lab	30.0136, -0.0565, 2.5646

Details


The CIELCh color **36, 2.679, 33.009** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 2.559, 213.226**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 2.848, 31.104**, and **16, 3.075, 33.136** is the 20% darker color. If you saturate the color by 10%, you get **33, 6.334, 33.245**, and if you desaturate by 10%, it is **39, 0.713, 213.536**.

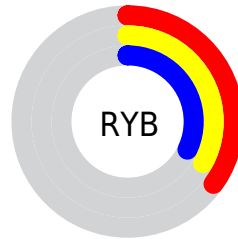
Distribution



 Red (35%)

 Green (33%)

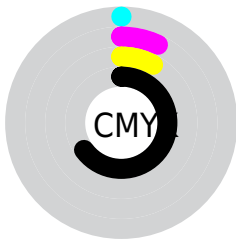
 Blue (32%)



 Red (35%)

 Yellow (33%)

 Blue (32%)

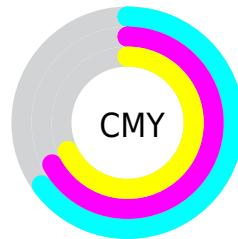


 Cyan (0%)

 Magenta (7%)

 Yellow (8%)

 Black (65%)



 Cyan (65%)

 Magenta (67%)

 Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 2.679, 33.009 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, 2.679, 33.009 by changing the saturation by 10% instead.

 36, 2.679, 33.009  36, 2.679, 33.009

 100, 2.679, 33.009  26, 2.679, 33.009

 56, 2.679, 33.009  16, 2.679, 33.009

 66, 2.679, 33.009  6, 2.679, 33.009

 76, 2.679, 33.009  0, 2.679, 33.009

 86, 2.679, 33.009

 96, 2.679, 33.009

 36, 2.679, 33.009  36, 2.679, 33.009

 33, 6.334, 33.245  39, 0.713, 213.536

 31, 10.275, 33.533  41, 3.863, 213.209

■ 29, 14.512, 33.971

■ 44, 6.796, 213.257

■ 26, 19.046, 34.605

■ 46, 9.536, 213.368

■ 24, 23.856, 35.477

■ 49, 12.105,
213.516

■ 22, 28.889, 36.619

■ 52, 14.523,
213.688

■ 20, 34.040, 38.021

■ 19, 38.587, 38.644

■ 54, 16.806,
213.878

■ 18, 42.150, 38.671

■ 57, 18.972,
214.078

■ 59, 21.033,
214.285

Harmonies

Complementary

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



36, 2.679, 33.009



37, 2.559, 213.226

Rectangle

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



36, 2.679, 33.009



36, 2.679, 83.009



36, 2.679, 213.009



36, 2.679, 263.009

Sweetspot

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



36, 2.678, 33.034



49, 0.836, 32.665



36, 4.828, 328.698



24, 0.470, 32.616



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



36, 2.678, 33.034



46, 3.869, 33.068



37, 2.942, 87.415



17, 1.965, 33.058



22, 51.702, 40.597



51, 96.361, 41.715

Inverse Universe

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



37, 2.559, 213.226



48, 3.663, 213.214



36, 2.938, 269.356



18, 1.865, 213.217



36, 23.488, 221.768



75, 41.296, 223.665

Previews

White Background



This preview shows how the CIELCh color 36, 2.679, 33.009 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 CIE LCh color 36, 2.679, 33.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

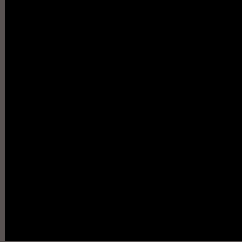
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 2.679, 33.009

Background



This preview shows how black text looks on a background with the CIELCh color 36, 2.679, 33.009.



This preview shows how white text looks on a background with the CIELCh color 36, 2.679, 33.009.

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, 2.679, 33.009

Protanopia

36, 1.428, 45.031

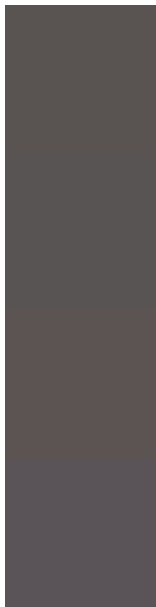
Deuteranopia

36, 5.281, 13.432



Tritanopia
36, 5.541, 328.494

Trichromacy



Original Color
36, 2.679, 33.009

Protanomaly
36, 1.831, 39.208

Deuteranomaly
36, 3.921, 19.899

Tritanomaly
36, 3.903, 340.493

Monochromacy



Original Color
36, 2.679, 33.009

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 1.290, 19.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 2.679, 33.009 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(89, 83, 82)` looks like.

```
.text, #text, p{  
    color:rgb(89, 83, 82)  
}
```

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(89, 83, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 83, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 2.679, 33.009 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(89, 83, 82) }
```

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

```
.border{ border-color:rgb(89, 83, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 83, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 83, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 83, 82);  
box-shadow:4px 4px 4px 4px rgb(89, 83, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 2.679, 33.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 83, 82) }
```

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

```
.background{ background-color: rgb(89, 83,  
82) }
```

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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