

Converting Colors

CIELCh(36, 51.609, 58.348)

Have a look what the booklet for
CIELCh(36, 51.609, 58.348) contains.

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Color

CIELCh(36, 51.609, 58.348)

Conversions

Conversions Part 1

Format	Color
Hex	884107
RGB	136, 65, 7
RGB Percent	53%, 25%, 3%
CMY	0.4671, 0.7455, 0.9730
CMYK	0.00, 0.52, 0.95, 0.47
HSL	27°, 90%, 28%
HSV	27°, 95%, 53%
XYZ	12.0557, 9.0082, 1.3010
YIQ	79.6170, 60.9340, -2.9860

Conversions

Conversions Part 2

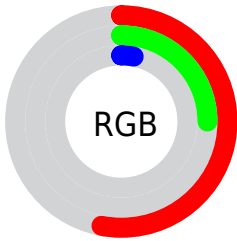
Format	Color
RYB	136, 112, 7
Decimal	8929543
CIELab	36.00, 27.08, 43.93
CIELCh	36, 51.609, 58.348
Yxy	9.0082, 0.5390, 0.4028
Android (android.graphics.Color)	4287119623 (0xFF884107)
YUV	79.6170, -35.8002, 49.4479
Hunter-Lab	30.0136, 19.1751, 18.4395

Details

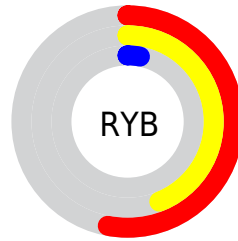
The CIELCh color **36, 51.609, 58.348** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **32, 38.027, 275.203**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 51.547, 58.101**, and **16, 36.586, 42.183** is the 20% darker color. If you saturate the color by 10%, you get **35, 54.265, 57.679**, and if you desaturate by 10%, it is **38, 46.639, 60.150**.

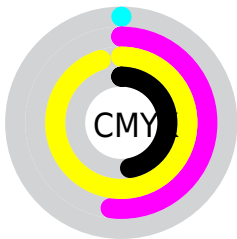
Distribution



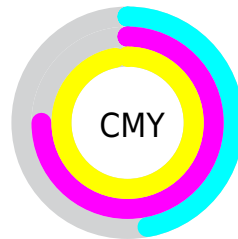
- Red (53%)
- Green (25%)
- Blue (3%)



- Red (53%)
- Yellow (44%)
- Blue (3%)



- Cyan (0%)
- Magenta (52%)
- Yellow (95%)
- Black (47%)






- Cyan (47%)
- Magenta (75%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 36, 51.609, 58.348 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, 51.609, 58.348 by changing the saturation by 10% instead.

 36, 51.609, 58.348	 36, 51.609, 58.348
 100, 51.609, 58.348	 26, 51.609, 58.348
 56, 51.609, 58.348	 16, 51.609, 58.348
 66, 51.609, 58.348	 6, 51.609, 58.348
 76, 51.609, 58.348	 0, 51.609, 58.348
 86, 51.609, 58.348	
 96, 51.609, 58.348	
 36, 51.609, 58.348	 36, 51.609, 58.348
 35, 54.265, 57.679	 38, 46.639, 60.150

■ 40, 40.853, 61.519

■ 42, 34.773, 62.677

■ 44, 28.735, 63.764

■ 46, 22.895, 64.840

■ 48, 17.321, 65.925

■ 51, 12.029, 67.017

■ 53, 7.013, 68.106

■ 55, 2.254, 69.117

Harmonies

Complementary

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



36, 51.609, 58.348



32, 38.027, 275.203

Rectangle

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



36, 51.609, 58.348



36, 51.609, 108.348



36, 51.609, 238.348



36, 51.609, 288.348

Sweetspot

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



36, 51.607, 58.350



64, 16.852, 66.615



29, 53.533, 353.462



32, 11.848, 66.199



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



36, 51.607, 58.350



45, 65.960, 56.792



52, 56.768, 98.840



28, 2.638, 68.715



34, 53.283, 57.774



1, 1.201, 69.786

Inverse Universe

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



32, 38.027, 275.203



41, 49.215, 278.496



16, 77.654, 304.482



28, 2.567, 250.946



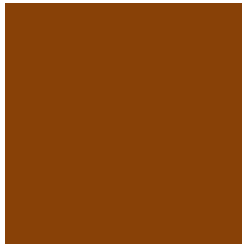
31, 39.148, 277.233



1, 1.201, 249.801

Previews

White Background



This preview shows how the CIELCh color 36, 51.609, 58.348 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, 51.609, 58.348 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, 51.609, 58.348

Background



This preview shows how black text looks on a background with the CIELCh color 36, 51.609, 58.348.



This preview shows how white text looks on a background with the CIELCh color 36, 51.609, 58.348.

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, 51.609, 58.348

Protanopia

36, 39.938, 96.173

Deuteranopia

36, 44.716, 84.498



Tritanopia
36, 36.429, 22.521

Trichromacy



Original Color
36, 51.609, 58.348

Protanomaly
36, 41.598, 79.059

Deuteranomaly
36, 45.710, 73.587

Tritanomaly
36, 40.592, 41.190

Monochromacy



Original Color
36, 51.609, 58.348

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 18.715, 66.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 51.609, 58.348 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(136, 65, 7)` looks like.

```
.text, #text, p{  
    color:rgb(136, 65, 7)  
}
```

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(136, 65, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 65, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 51.609, 58.348 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(136, 65, 7) }
```

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

```
.border{ border-color:rgb(136, 65, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 65, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 65, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 65, 7);  
box-shadow:4px 4px 4px 4px rgb(136, 65, 7)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 36, 51.609, 58.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 65, 7) }
```

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

```
.background{ background-color: rgb(136, 65,  
7) }
```

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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