

Converting Colors

CIELCh(36, 97.522, 308.058)

Have a look what the booklet for
CIELCh(36, 97.522, 308.058)
contains.

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Color

CIELCh(36, 97.107, 308.021)

Conversions

Conversions Part 1

Format	Color
Hex	5F2DD3
RGB	95, 45, 211
RGB Percent	37%, 18%, 83%
CMY	0.6275, 0.8236, 0.1727
CMYK	0.55, 0.79, 0.00, 0.17
HSL	258°, 65%, 50%
HSV	258°, 79%, 83%
XYZ	17.4084, 9.0082, 62.4320
YIQ	78.8740, -23.4860, 62.2260

Conversions

Conversions Part 2

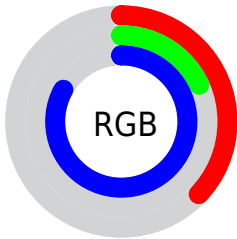
Format	Color
R_{YB}	95, 45, 211
Decimal	6237651
CIE _{Lab}	36.00, 59.81, -76.50
CIE _{LCh}	36, 97.107, 308.021
Yxy	9.0082, 0.1959, 0.1014
Android (android.graphics.Color)	4284427731 (0xFF5F2DD3)
YUV	78.8740, 65.1381, 14.1425
Hunter-Lab	30.0136, 51.0092, -102.3211

Details

The CIELCh color **36, 97.107, 308.021** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **79, 79.945, 118.553**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 90.016, 308.681**, and **18, 91.875, 306.547** is the 20% darker color. If you saturate the color by 10%, you get **32, 106.172, 308.377**, and if you desaturate by 10%, it is **41, 85.680, 307.318**.

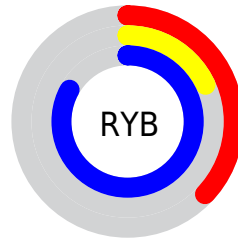
Distribution



Red (37%)

Green (18%)

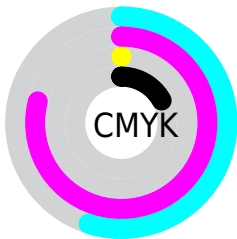
Blue (83%)



Red (37%)

Yellow (18%)

Blue (83%)

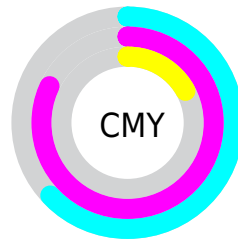


Cyan (55%)

Magenta (79%)

Yellow (0%)

Black (17%)



Cyan (63%)


Magenta (82%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 97.107, 308.021 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, 97.107, 308.021 by changing the saturation by 10% instead.


 36, 97.107,
308.021


 36, 97.107,
308.021

 100, 97.107,
308.021


 26, 97.107,
308.021

 56, 97.107,
308.021


 16, 97.107,
308.021


 66, 97.107,
308.021

 6, 97.107, 308.021

 76, 97.107,
308.021

 0, 97.107, 308.021

 86, 97.107,
308.021

 96, 97.107,
308.021

■ 36, 97.107,
308.021

■ 36, 97.107,
308.021

■ 32, 106.172,
308.377

■ 41, 85.680,
307.318

■ 29, 111.978,
308.274

■ 47, 73.048,
306.440

■ 29, 112.653,
308.262

■ 53, 60.007,
305.513

■ 59, 47.013,
304.612

■ 66, 34.294,
303.777

■ 72, 21.953,
303.023

■ 79, 10.026,
302.354

■ 85, 1.483, 121.809

■ 92, 12.588,
121.271

Harmonies

Complementary

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



36, 97.107, 308.021



79, 79.945, 118.553

Rectangle

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



36, 97.107, 308.021



36, 97.107, 358.021



36, 97.107, 128.021



36, 97.107, 178.021

Sweetspot

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



36, 97.108, 308.022



82, 33.213, 303.433



62, 37.392, 246.761



41, 22.959, 303.712



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



36, 97.108, 308.022



37, 127.070, 308.341



47, 93.028, 321.346



41, 6.513, 302.400



22, 95.030, 308.405



2, 25.977, 300.865

Inverse Universe

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



50, 75.797, 341.514



57, 91.870, 344.208



75, 91.783, 134.387



41, 6.229, 334.944



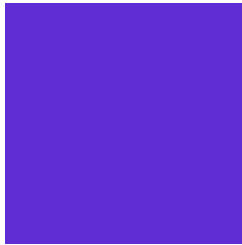
37, 67.659, 344.822



5, 24.679, 341.003

Previews

White Background



This preview shows how the CIE LCh color 36, 97.107, 308.021 looks on a white background.

Color Contrast Check

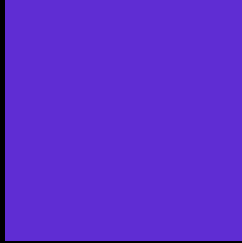
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.107, 308.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

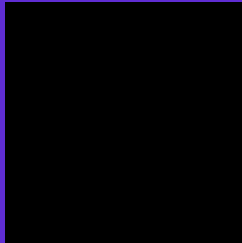
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 97.107, 308.021

Background



This preview shows how black text looks on a background with the CIELCh color 36, 97.107, 308.021.



This preview shows how white text looks on a background with the CIELCh color 36, 97.107, 308.021.

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, 97.107, 308.021

Protanopia

36, 56.003, 286.022

Deuteranopia

36, 39.150, 272.471



Tritanopia
36, 13.264, 217.178

Trichromacy



Original Color
36, 97.107, 308.021



Protanomaly
34, 72.205, 296.089



Deuteranomaly
34, 61.016, 292.783



Tritanomaly
34, 40.010, 294.814

Monochromacy



Original Color
36, 97.107, 308.021



Achromatopsia
34, 0.005, 296.813



Achromatomaly
33, 38.321, 305.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 97.107, 308.021 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(95, 45, 211)` looks like.

```
.text, #text, p{  
    color:rgb(95, 45, 211)  
}
```

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(95, 45, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 45, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 97.107, 308.021 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(95, 45, 211) }
```

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

```
.border{ border-color:rgb(95, 45, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 45, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 45, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 45, 211);  
box-shadow:4px 4px 4px 4px rgb(95, 45,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 97.107, 308.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 45, 211) }
```

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

```
.background{ background-color: rgb(95, 45,  
211) }
```

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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