

Converting Colors

CIELCh(31, 95.821, 308.943)

Have a look what the booklet for
CIELCh(31, 95.821, 308.943)
contains.

CIELCh(31, 95.672, 308.909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(31, 95.672, 308.909)

Conversions

Conversions Part 1

Format	Color
Hex	541DC1
RGB	84, 29, 193
RGB Percent	33%, 11%, 76%
CMY	0.6695, 0.8852, 0.2421
CMYK	0.56, 0.85, 0.00, 0.24
HSL	260°, 74%, 44%
HSV	260°, 85%, 76%
XYZ	13.7813, 6.6515, 51.1568
YIQ	64.1410, -19.8640, 62.6640

Conversions

Conversions Part 2

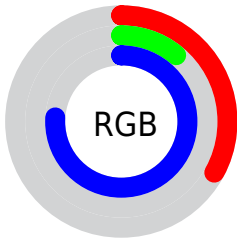
Format	Color
R_{YB}	84, 29, 193
Decimal	5512641
CIE Lab	31.00, 60.09, -74.45
CIE LCh	31, 95.672, 308.909
Yxy	6.6515, 0.1925, 0.0929
Android (android.graphics.Color)	4283702721 (0xFF541DC1)
YUV	64.1410, 63.5275, 17.4163
Hunter-Lab	25.7905, 50.2494, -99.5514

Details

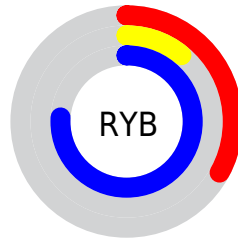
The CIELCh color **31, 95.672, 308.909** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **72, 78.637, 120.300**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 95.871, 308.890**, and **15, 84.763, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **28, 102.210, 308.882**, and if you desaturate by 10%, it is **35, 86.339, 308.502**.

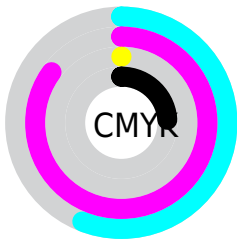
Distribution



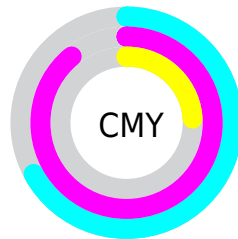
- Red (33%)
- Green (11%)
- Blue (76%)



- Red (33%)
- Yellow (11%)
- Blue (76%)



- Cyan (56%)
- Magenta (85%)
- Yellow (0%)
- Black (24%)





- Cyan (67%)
- Magenta (89%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 95.672, 308.909 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 31, 95.672, 308.909 by changing the saturation by 10% instead.


 31, 95.672,
308.909


 31, 95.672,
308.909

 100, 95.672,
308.909


 21, 95.672,
308.909

 51, 95.672,
308.909


 11, 95.672,
308.909


 61, 95.672,
308.909

 1, 95.672, 308.909

 71, 95.672,
308.909

 0, 95.672, 308.909

 81, 95.672,
308.909

 91, 95.672,
308.909

■ 31, 95.672,
308.909

■ 31, 95.672,
308.909

■ 28, 102.210,
308.882

■ 35, 86.339,
308.502

■ 27, 104.785,
308.787

■ 40, 75.282,
307.824

■ 46, 63.409,
307.021

■ 51, 51.309,
306.191

■ 57, 39.313,
305.391

■ 63, 27.590,
304.650

■ 69, 16.215,
303.981

■ 75, 5.214, 303.380

Harmonies

Complementary

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



31, 95.672, 308.909



72, 78.637, 120.300

Rectangle

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



31, 95.672, 308.909



31, 95.672, 358.909



31, 95.672, 128.909



31, 95.672, 178.909

Sweetspot

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



31, 95.673, 308.910



80, 34.508, 304.689



55, 37.946, 254.883



41, 23.874, 304.948



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



31, 95.673, 308.910



36, 128.360, 308.633



43, 90.243, 322.353



38, 6.146, 303.644



21, 91.226, 308.921



2, 19.796, 300.143

Inverse Universe

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



44, 71.437, 344.531



56, 89.319, 348.097



69, 90.135, 134.864



38, 5.709, 336.380



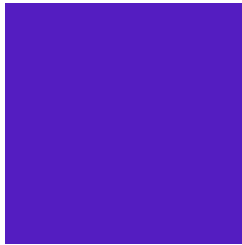
35, 64.076, 347.312



3, 17.722, 342.352

Previews

White Background



This preview shows how the CIELCh color 31, 95.672, 308.909 looks on a white background.

Color Contrast Check

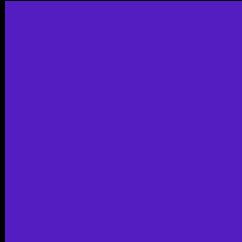
Large Text (above 18pt) WCAG AA ✓ Pass

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 31, 95.672, 308.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

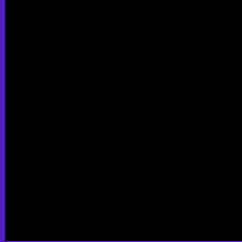
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 95.672, 308.909

Background



This preview shows how black text looks on a background with the CIELCh color 31, 95.672, 308.909.



This preview shows how white text looks on a background with the CIELCh color 31, 95.672, 308.909.

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

31, 95.672, 308.909

Protanopia

31, 49.821, 285.488

Deuteranopia

31, 34.384, 270.812



Tritanopia
31, 13.164, 214.710

Trichromacy



Original Color
31, 95.672, 308.909

Protanomaly
29, 68.929, 297.660

Deuteranomaly
29, 58.723, 294.752

Tritanomaly
29, 40.460, 296.418

Monochromacy



Original Color
31, 95.672, 308.909

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 39.586, 306.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 95.672, 308.909 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(84, 29, 193)` looks like.

```
.text, #text, p{  
    color:rgb(84, 29, 193)  
}
```

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(84, 29, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 29, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 95.672, 308.909 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(84, 29, 193) }
```

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

```
.border{ border-color:rgb(84, 29, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 29, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 29, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 29, 193);  
box-shadow:4px 4px 4px 4px rgb(84, 29,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 95.672, 308.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 29, 193) }
```

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

```
.background{ background-color: rgb(84, 29,  
193) }
```

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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