

Converting Colors

CIELCh(31, 95.805, 313.947)

Have a look what the booklet for
CIELCh(31, 95.805, 313.947)
contains.

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Color

CIELCh(31, 95.684, 314.027)

Conversions

Conversions Part 1

Format	Color
Hex	6C01B8
RGB	108, 1, 184
RGB Percent	42%, 0%, 72%
CMY	0.5770, 0.9971, 0.2789
CMYK	0.41, 1.00, 0.00, 0.28
HSL	275°, 99%, 36%
HSV	275°, 100%, 72%
XYZ	14.8151, 6.6515, 45.7813
YIQ	53.8550, 5.0290, 79.5970

Conversions

Conversions Part 2

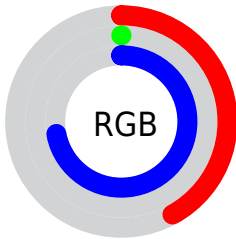
Format	Color
RYB	108, 1, 184
Decimal	7078328
CIELab	31.00, 66.50, -68.80
CIElCh	31, 95.684, 314.027
Yxy	6.6515, 0.2203, 0.0989
Android (android.graphics.Color)	4285268408 (0xFF6C01B8)
YUV	53.8550, 64.1615, 47.4852
Hunter-Lab	25.7905, 57.4039, -87.1936

Details

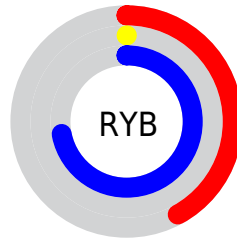
The CIELCh color **31, 95.684, 314.027** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **66, 87.455, 130.540**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 95.563, 314.106**, and **16, 77.251, 309.446** is the 20% darker color. If you saturate the color by 10%, you get **31, 95.843, 314.006**, and if you desaturate by 10%, it is **33, 91.596, 314.589**.

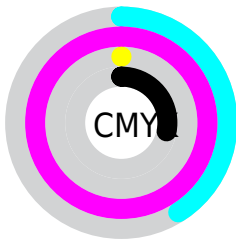
Distribution



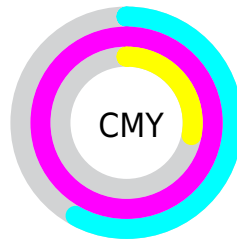
- Red (42%)
- Green (0%)
- Blue (72%)



- Red (42%)
- Yellow (0%)
- Blue (72%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)





- Cyan (58%)
- Magenta (100%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 95.684, 314.027 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, 95.684, 314.027 by changing the saturation by 10% instead.


 31, 95.684,
314.027


 31, 95.684,
314.027

 100, 95.684,
314.027


 21, 95.684,
314.027

 51, 95.684,
314.027


 11, 95.684,
314.027


 61, 95.684,
314.027

 1, 95.684, 314.027

 71, 95.684,
314.027

 0, 95.684, 314.027

 81, 95.684,
314.027

 91, 95.684,
314.027

■ 31, 95.684,
314.027

■ 31, 95.684,
314.027

■ 31, 95.843,
314.006

■ 33, 91.596,
314.589

■ 36, 85.264,
314.853

■ 40, 76.741,
314.817

■ 44, 66.703,
314.572

■ 49, 55.772,
314.198

■ 54, 44.419,
313.755

■ 59, 32.964,
313.287

■ 64, 21.603,

312.820

■ 70, 10.453,
312.369

Harmonies

Complementary

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



31, 95.684, 314.027



66, 87.455, 130.540

Rectangle

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



31, 95.684, 314.027



31, 95.684, 4.027



31, 95.684, 134.027



31, 95.684, 184.027

Sweetspot

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



31, 95.684, 314.028



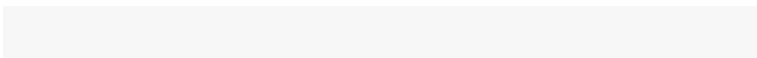
75, 41.479, 313.330



36, 66.011, 291.051



37, 28.376, 313.527



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



31, 95.684, 314.028



41, 117.094, 313.821



43, 84.619, 331.837



36, 6.161, 312.357



26, 84.607, 314.148



2, 16.205, 307.873

Inverse Universe

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



39, 66.096, 10.008



51, 80.855, 11.146



65, 91.980, 136.748



36, 4.609, 349.277



33, 58.445, 9.468



2, 11.698, 355.586

Previews

White Background



This preview shows how the CIELCh color 31, 95.684, 314.027 looks on a white background.

Color Contrast Check

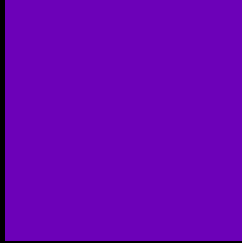
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.684, 314.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

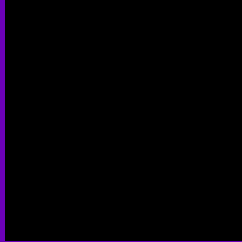
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 95.684, 314.027

Background



This preview shows how black text looks on a background with the CIELCh color 31, 95.684, 314.027.



This preview shows how white text looks on a background with the CIELCh color 31, 95.684, 314.027.

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, 95.684, 314.027

Protanopia

32, 50.853, 285.540

Deuteranopia

32, 35.984, 272.051



Tritanopia
32, 6.543, 351.654

Trichromacy



Original Color
31, 95.684, 314.027

Protanomaly
27, 74.040, 300.976

Deuteranomaly
27, 64.679, 299.158

Tritanomaly
28, 46.664, 317.158

Monochromacy



Original Color
31, 95.684, 314.027

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 44.688, 314.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 95.684, 314.027 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(108, 1, 184)` looks like.

```
.text, #text, p{  
    color:rgb(108, 1, 184)  
}
```

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(108, 1, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 1, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 95.684, 314.027 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(108, 1, 184) }
```

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

```
.border{ border-color:rgb(108, 1, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 1, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 1, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 1, 184);  
box-shadow:4px 4px 4px 4px rgb(108, 1,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 95.684, 314.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 1, 184) }
```

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

```
.background{ background-color: rgb(108, 1,  
184) }
```

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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