

Converting Colors

CIELCh(68, 31.309, 246.237)

Have a look what the booklet for
CIELCh(68, 31.309, 246.237)
contains.

CIELCh(68, 31.308, 246.305)	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(68, 31.308, 246.305)

Conversions

Conversions Part 1

Format	Color
Hex	5FAFD9
RGB	95, 175, 217
RGB Percent	37%, 69%, 85%
CMY	0.6286, 0.3147, 0.1501
CMYK	0.56, 0.19, 0.00, 0.15
HSL	201°, 61%, 61%
HSV	201°, 56%, 85%
XYZ	32.4581, 37.9720, 71.0788
YIQ	155.8680, -61.1620, -3.8980

Conversions

Conversions Part 2

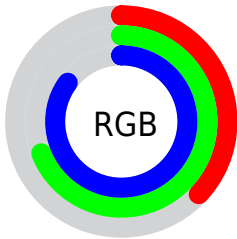
Format	Color
R _{YB}	95, 143, 217
Decimal	6270937
CIE Lab	68.00, -12.58, -28.67
CIE LCh	68, 31.308, 246.305
Yxy	37.9720, 0.2294, 0.2683
Android (android.graphics.Color)	4284461017 (0xFF5FAFD9)
YUV	155.8680, 30.1381, -53.3812
Hunter-Lab	61.6215, -13.8157, -25.2546

Details

The CIELCh color **68, 31.308, 246.305** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **64, 43.941, 53.074**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 26.075, 227.076**, and **48, 31.203, 245.805** is the 20% darker color. If you saturate the color by 10%, you get **65, 35.499, 249.432**, and if you desaturate by 10%, it is **71, 26.642, 243.753**.

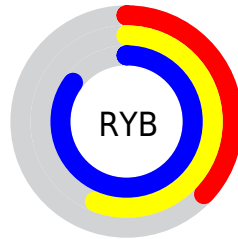
Distribution



Red (37%)

Green (69%)

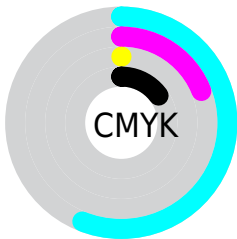
Blue (85%)



Red (37%)

Yellow (56%)

Blue (85%)

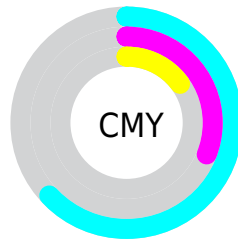


Cyan (56%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (63%)


Magenta (31%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 31.308, 246.305 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 68, 31.308, 246.305 by changing the saturation by 10% instead.


 68, 31.308,
246.305


 68, 31.308,
246.305


 100, 31.308,
246.305


 58, 31.308,
246.305


 88, 31.308,
246.305

 48, 31.308,
246.305

 98, 31.308,
246.305

 38, 31.308,
246.305

 28, 31.308,
246.305

 18, 31.308,
246.305

 8, 31.308, 246.305

 0, 31.308, 246.305

68, 31.308,
246.305

68, 31.308,
246.305

65, 35.499,
249.432

71, 26.642,
243.753

62, 39.246,
253.201

74, 21.523,
241.694

60, 42.639,
257.626

78, 16.000,
240.041

57, 45.841,
262.617

81, 10.134,
238.725

56, 47.054,
264.476

84, 3.989, 237.729

88, 2.374, 56.518

91, 8.902, 55.973

94, 11.857, 69.383

96, 13.716, 88.402

Harmonies

Complementary

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



68, 31.308, 246.305



64, 43.941, 53.074

Rectangle

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



68, 31.308, 246.305



68, 31.308, 296.305



68, 31.308, 66.305



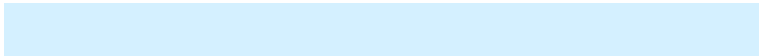
68, 31.308, 116.305

Sweetspot

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



68, 31.307, 246.304



93, 12.042, 238.826



78, 60.026, 149.954



49, 8.021, 239.074



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 31.307, 246.304



75, 41.166, 250.251



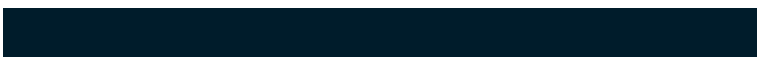
51, 58.944, 292.050



43, 3.542, 237.997



45, 39.002, 263.556



9, 13.800, 252.242

Inverse Universe

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



58, 60.105, 341.022



63, 78.949, 342.576



79, 53.046, 95.826



42, 6.163, 336.762



38, 66.662, 348.110



5, 25.681, 343.720

Previews

White Background



This preview shows how the CIELCh color 68, 31.308, 246.305 looks on a white background.

Color Contrast Check

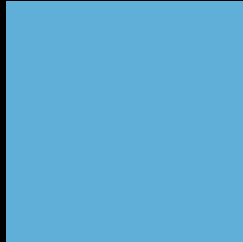
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 31.308, 246.305 looks on a black 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

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

CIELCh 68, 31.308, 246.305

Background



This preview shows how black text looks on a background with the CIELCh color 68, 31.308, 246.305.

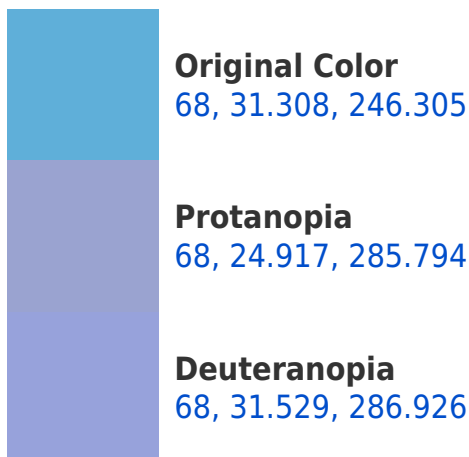


This preview shows how white text looks on a background with the CIELCh color 68, 31.308, 246.305.

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





Tritanopia
68, 28.185, 213.411

Trichromacy



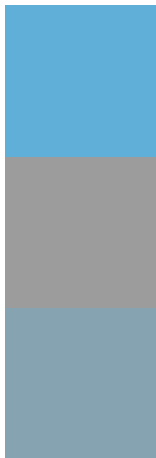
Original Color
68, 31.308, 246.305

Protanomaly
67, 26.207, 267.704

Deuteranomaly
68, 29.736, 271.087

Tritanomaly
68, 28.330, 227.055

Monochromacy



Original Color
68, 31.308, 246.305

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 12.860, 239.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 31.308, 246.305 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, 175, 217)` looks like.

```
.text, #text, p{  
    color:rgb(95, 175, 217)  
}
```

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, 175, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 175, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 31.308, 246.305 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, 175, 217) }
```

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

```
.border{ border-color:rgb(95, 175, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 175, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 175, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 175, 217);  
box-shadow:4px 4px 4px 4px rgb(95, 175,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 31.308, 246.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 175, 217) }
```

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

```
.background{ background-color: rgb(95, 175,  
217) }
```

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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