

Converting Colors

CIELCh(67, 32.427, 250.578)

Have a look what the booklet for
CIELCh(67, 32.427, 250.578)
contains.

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Color

CIELCh(67, 32.423, 250.503)

Conversions

Conversions Part 1

Format	Color
Hex	5DABD9
RGB	93, 171, 217
RGB Percent	36%, 67%, 85%
CMY	0.6338, 0.3281, 0.1476
CMYK	0.57, 0.21, 0.00, 0.15
HSL	202°, 62%, 61%
HSV	202°, 57%, 85%
XYZ	31.7527, 36.6320, 71.2893
YIQ	152.9220, -61.2540, -2.2300

Conversions

Conversions Part 2

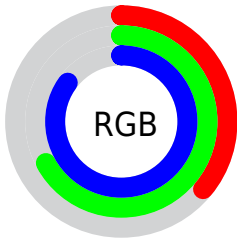
Format	Color
RYB	93, 141, 217
Decimal	6138841
CIELab	67.00, -10.82, -30.56
CIELCh	67, 32.423, 250.503
Yxy	36.6320, 0.2273, 0.2623
Android (android.graphics.Color)	4284328921 (0xFF5DABD9)
YUV	152.9220, 31.5905, -52.5516
Hunter-Lab	60.5244, -12.2717, -27.4683

Details

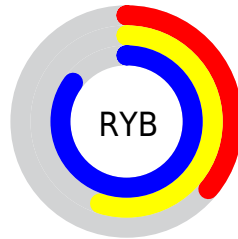
The CIELCh color **67, 32.423, 250.503** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **65, 44.461, 55.628**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 26.476, 233.552**, and **47, 32.421, 250.375** is the 20% darker color. If you saturate the color by 10%, you get **64, 36.888, 253.800**, and if you desaturate by 10%, it is **70, 27.548, 247.784**.

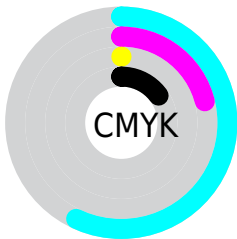
Distribution



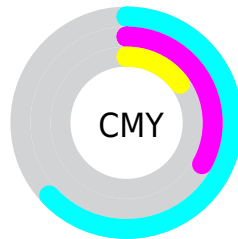
- Red (36%)
- Green (67%)
- Blue (85%)



- Red (36%)
- Yellow (55%)
- Blue (85%)



- Cyan (57%)
- Magenta (21%)
- Yellow (0%)
- Black (15%)



- Cyan (63%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 32.423, 250.503 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 67, 32.423, 250.503 by changing the saturation by 10% instead.

■ 67, 32.423,
250.503

■ 67, 32.423,
250.503

■ 100, 32.423,
250.503

■ 57, 32.423,
250.503

■ 87, 32.423,
250.503

■ 47, 32.423,
250.503

■ 97, 32.423,
250.503

■ 37, 32.423,
250.503

■ 27, 32.423,
250.503

■ 17, 32.423,
250.503

■ 7, 32.423, 250.503

■ 0, 32.423, 250.503

67, 32.423,
250.503

67, 32.423,
250.503

64, 36.888,
253.800

70, 27.548,
247.784

61, 40.987,
257.725

74, 22.272,
245.566

58, 44.822,
262.268

77, 16.635,
243.769

56, 48.559,
267.296

81, 10.687,
242.320

55, 49.703,
268.768

84, 4.488, 241.191

88, 1.909, 59.848

92, 8.454, 59.248

94, 11.842, 72.733

96, 14.150, 92.346

Harmonies

Complementary

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



67, 32.423, 250.503



65, 44.461, 55.628

Rectangle

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



67, 32.423, 250.503



67, 32.423, 300.503



67, 32.423, 70.503



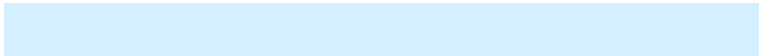
67, 32.423, 120.503

Sweetspot

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



67, 32.422, 250.503



93, 12.139, 242.335



78, 59.230, 151.186



49, 8.089, 242.604



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 32.422, 250.503



74, 42.371, 254.378



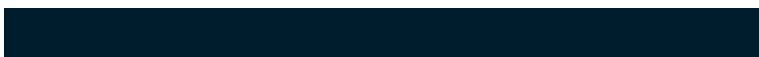
50, 62.513, 293.800



44, 3.634, 241.428



44, 41.529, 267.909



10, 14.868, 257.207

Inverse Universe

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



58, 59.906, 342.544



62, 77.705, 344.138



80, 55.281, 97.798



43, 6.164, 337.970



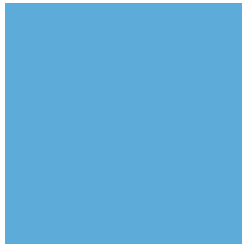
38, 66.410, 350.319



6, 26.786, 345.555

Previews

White Background



This preview shows how the CIE LCh color 67, 32.423, 250.503 looks on a white background.

Color Contrast Check

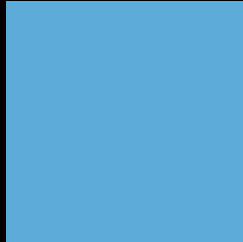
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 32.423, 250.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

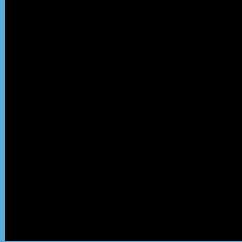
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

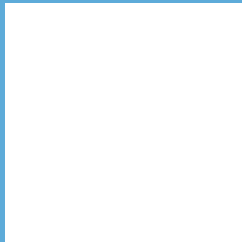
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 32.423, 250.503

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.423, 250.503.

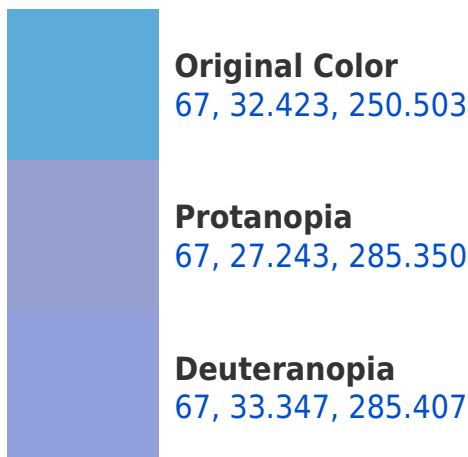


This preview shows how white text looks on a background with the CIELCh color 67, 32.423, 250.503.

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](#).

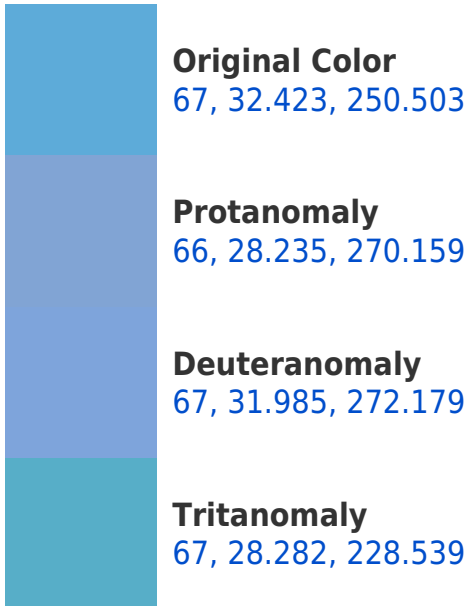
Dichromacy



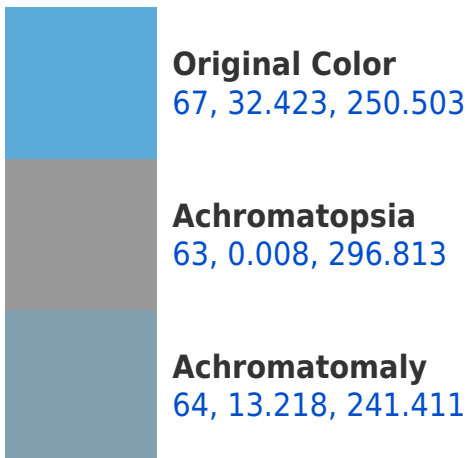


Tritanopia
67, 28.128, 213.480

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.423, 250.503 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(93, 171, 217)` looks like.

```
.text, #text, p{  
    color:rgb(93, 171, 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(93, 171, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 171, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.423, 250.503 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(93, 171, 217) }
```

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

```
.border{ border-color:rgb(93, 171, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 171, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 171, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 171, 217);  
box-shadow:4px 4px 4px 4px rgb(93, 171,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.423, 250.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 171, 217) }
```

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

```
.background{ background-color: rgb(93, 171,  
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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