

Converting Colors

CIELCh(67, 32.304, 245.997)

Have a look what the booklet for
CIELCh(67, 32.304, 245.997)
contains.

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Color

CIELCh(67, 32.304, 245.997)

Conversions

Conversions Part 1

Format	Color
Hex	57ACD7
RGB	87, 172, 215
RGB Percent	34%, 67%, 84%
CMY	0.6570, 0.3239, 0.1552
CMYK	0.59, 0.20, 0.00, 0.16
HSL	200°, 62%, 59%
HSV	200°, 59%, 84%
XYZ	31.1202, 36.6320, 69.9999
YIQ	151.4870, -64.4630, -4.6470

Conversions

Conversions Part 2

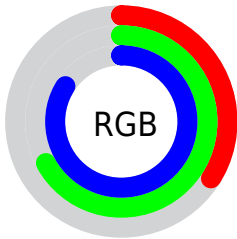
Format	Color
R _Y B	87, 138, 215
Decimal	5745879
CIE Lab	67.00, -13.14, -29.51
CIE LCh	67, 32.304, 245.997
Yxy	36.6320, 0.2259, 0.2659
Android (android.graphics.Color)	4283935959 (0xFF57ACD7)
YUV	151.4870, 31.3119, -56.5551
Hunter-Lab	60.5244, -14.1373, -26.2053

Details

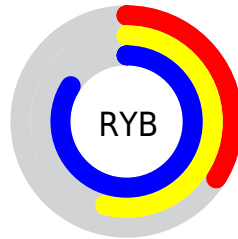
The CIELCh color **67, 32.304, 245.997** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **63, 46.723, 52.186**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 27.513, 230.616**, and **47, 32.194, 245.685** is the 20% darker color. If you saturate the color by 10%, you get **64, 36.246, 249.271**, and if you desaturate by 10%, it is **70, 27.872, 243.321**.

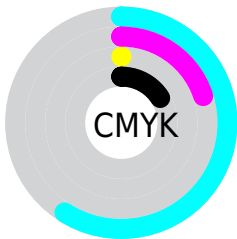
Distribution



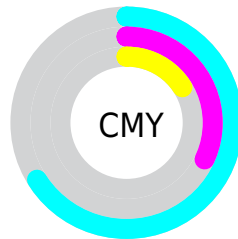
- Red (34%)
- Green (67%)
- Blue (84%)



- Red (34%)
- Yellow (54%)
- Blue (84%)



- Cyan (59%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 32.304, 245.997 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, 32.304, 245.997 by changing the saturation by 10% instead.

■ 67, 32.304,
245.997

■ 67, 32.304,
245.997

■ 100, 32.304,
245.997

■ 57, 32.304,
245.997

■ 87, 32.304,
245.997

■ 47, 32.304,
245.997

■ 97, 32.304,
245.997

■ 37, 32.304,
245.997

■ 27, 32.304,
245.997

■ 17, 32.304,
245.997

■ 7, 32.304, 245.997

■ 0, 32.304, 245.997

67, 32.304,
245.997

67, 32.304,
245.997

64, 36.246,
249.271

70, 27.872,
243.321

62, 39.745,
253.204

73, 22.963,
241.162

59, 42.910,
257.789

76, 17.621,
239.432

57, 45.950,
262.833

80, 11.907,
238.054

57, 46.140,
263.129

83, 5.886, 236.983

86, 0.377, 54.638

90, 6.827, 55.202

93, 11.963, 59.563

95, 13.060, 79.586

Harmonies

Complementary

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



67, 32.304, 245.997



63, 46.723, 52.186

Rectangle

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



67, 32.304, 245.997



67, 32.304, 295.997



67, 32.304, 65.997



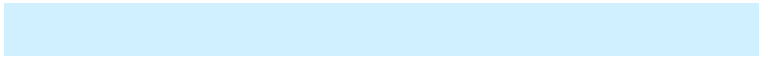
67, 32.304, 115.997

Sweetspot

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



67, 32.303, 245.997



93, 12.702, 237.906



78, 62.624, 149.496



49, 8.770, 238.267



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, 32.303, 245.997



74, 42.116, 250.109



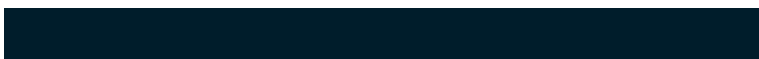
49, 62.237, 292.839



43, 3.538, 236.984



45, 38.445, 262.229



9, 13.678, 250.970

Inverse Universe

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



56, 62.804, 340.966



62, 81.517, 342.549



78, 55.435, 95.462



42, 6.198, 336.418



38, 66.965, 347.488



5, 25.818, 343.232

Previews

White Background



This preview shows how the CIELCh color 67, 32.304, 245.997 looks on a white background.

Color Contrast Check

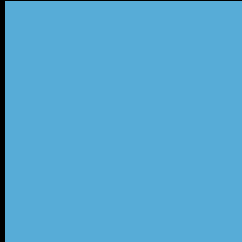
Large Text (above 18pt) WCAG AA × Fail

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 67, 32.304, 245.997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

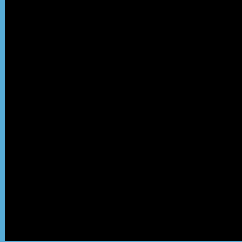
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 32.304, 245.997

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.304, 245.997.

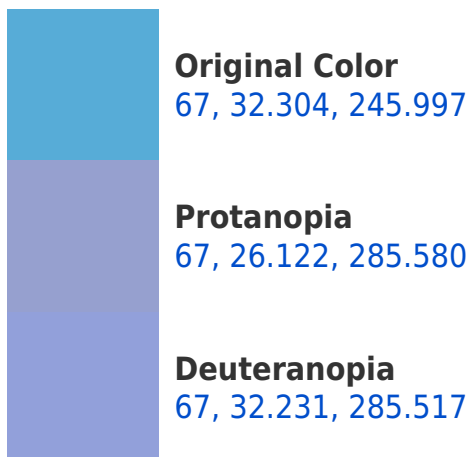


This preview shows how white text looks on a background with the CIELCh color 67, 32.304, 245.997.

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, 29.471, 212.623

Trichromacy



Original Color
67, 32.304, 245.997

Protanomaly
67, 27.061, 266.700

Deuteranomaly
67, 30.653, 269.703

Tritanomaly
67, 29.344, 225.939

Monochromacy



Original Color
67, 32.304, 245.997

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 13.468, 240.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.304, 245.997 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(87, 172, 215)` looks like.

```
.text, #text, p{  
    color:rgb(87, 172, 215)  
}
```

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(87, 172, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 172, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.304, 245.997 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(87, 172, 215) }
```

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

```
.border{ border-color:rgb(87, 172, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 172, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 172, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 172, 215);  
box-shadow:4px 4px 4px 4px rgb(87, 172,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.304, 245.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 172, 215) }
```

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

```
.background{ background-color: rgb(87, 172,  
215) }
```

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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