

Converting Colors

CIELCh(65, 16.615, 244.934)

Have a look what the booklet for
CIELCh(65, 16.615, 244.934)
contains.

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Color

CIELCh(65, 16.494, 244.004)

Conversions

Conversions Part 1

Format	Color
Hex	7FA3B8
RGB	127, 163, 184
RGB Percent	50%, 64%, 72%
CMY	0.5029, 0.3618, 0.2794
CMYK	0.31, 0.11, 0.00, 0.28
HSL	202°, 29%, 61%
HSV	202°, 31%, 72%
XYZ	30.3919, 34.0472, 50.1753
YIQ	154.6300, -28.1970, -1.1010

Conversions

Conversions Part 2

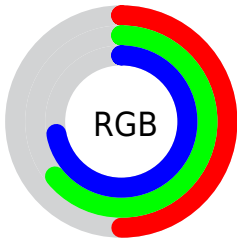
Format	Color
R _Y B	127, 149, 184
Decimal	8364984
CIE Lab	65.00, -7.23, -14.83
CIE LCh	65, 16.494, 244.004
Yxy	34.0472, 0.2652, 0.2971
Android (android.graphics.Color)	4286555064 (0xFF7FA3B8)
YUV	154.6300, 14.4794, -24.2315
Hunter-Lab	58.3500, -9.1397, -10.1387

Details

The CIELCh color `65, 16.494, 244.004` is a light color, and the websafe version is hex `669999`. A complement of this color would be `64, 19.273, 57.293`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 16.484, 243.629`, and `45, 16.492, 245.213` is the 20% darker color. If you saturate the color by 10%, you get `62, 21.288, 245.907`, and if you desaturate by 10%, it is `68, 11.410, 242.457`.

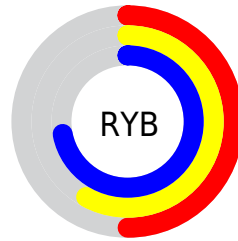
Distribution



Red (50%)

Green (64%)

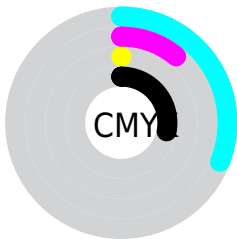
Blue (72%)



Red (50%)

Yellow (58%)

Blue (72%)

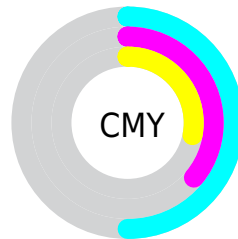


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 16.494, 244.004 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 65, 16.494, 244.004 by changing the saturation by 10% instead.

■ 65, 16.494,
244.004

■ 65, 16.494,
244.004

■ 100, 16.494,
244.004

■ 55, 16.494,
244.004

■ 85, 16.494,
244.004

■ 45, 16.494,
244.004

■ 95, 16.494,
244.004

■ 35, 16.494,
244.004

■ 25, 16.494,
244.004

■ 15, 16.494,
244.004

■ 5, 16.494, 244.004

■ 0, 16.494, 244.004

65, 16.494,
244.004

65, 16.494,
244.004

62, 21.288,
245.907

68, 11.410,
242.457

59, 25.752,
248.251

71, 6.088, 241.226

56, 29.858,
251.114

74, 0.575, 240.882

54, 33.613,
254.564

78, 5.085, 59.188

51, 37.066,
258.636

81, 10.852, 58.534

49, 40.321,
263.294

84, 16.693, 57.967

47, 43.246,
267.715

87, 22.464, 57.712

89, 22.897, 68.223

91, 24.072, 77.982

Harmonies

Complementary

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



65, 16.494, 244.004



64, 19.273, 57.293

Rectangle

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



65, 16.494, 244.004



65, 16.494, 294.004



65, 16.494, 64.004



65, 16.494, 114.004

Sweetspot

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



65, 16.493, 244.000



91, 6.191, 241.032



70, 29.038, 154.494



48, 4.289, 241.181



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 16.493, 244.000



80, 24.041, 245.215



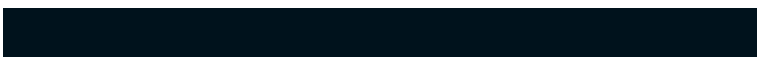
57, 28.217, 288.296



37, 3.137, 241.050



40, 37.895, 266.993



5, 9.081, 254.162

Inverse Universe

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



60, 29.516, 339.619



73, 43.593, 340.231



71, 26.796, 100.758



36, 5.334, 337.825



34, 61.489, 349.831



3, 13.316, 343.192

Previews

White Background



This preview shows how the CIELCh color 65, 16.494, 244.004 looks on a white background.

Color Contrast Check

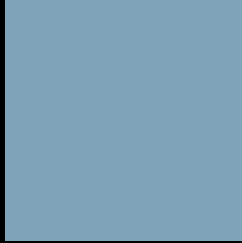
Large Text (above 18pt) WCAG AA × Fail

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 65, 16.494, 244.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

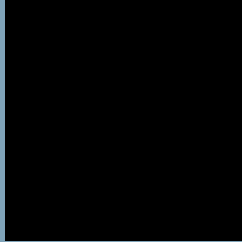
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

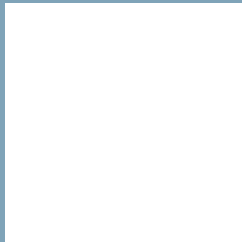
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 16.494, 244.004

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.494, 244.004.



This preview shows how white text looks on a background with the CIELCh color 65, 16.494, 244.004.

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

65, 16.494, 244.004

Protanopia

65, 12.825, 286.728

Deuteranopia

65, 17.946, 297.701



Tritanopia
65, 14.947, 227.525

Trichromacy



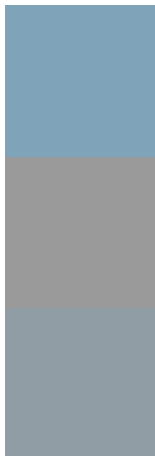
Original Color
65, 16.494, 244.004

Protanomaly
65, 13.689, 268.954

Deuteranomaly
65, 15.870, 279.127

Tritanomaly
65, 15.146, 232.093

Monochromacy



Original Color
65, 16.494, 244.004

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.453, 243.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.494, 244.004 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(127, 163, 184)` looks like.

```
.text, #text, p{  
    color:rgb(127, 163, 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(127, 163, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 163, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.494, 244.004 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(127, 163, 184) }
```

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

```
.border{ border-color:rgb(127, 163, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 163, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 163, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 163, 184);  
box-shadow:4px 4px 4px 4px rgb(127, 163,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.494, 244.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 163, 184) }
```

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

```
.background{ background-color: rgb(127,  
163, 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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