

Converting Colors

CIELCh(65, 17.697, 244.141)

Have a look what the booklet for
CIELCh(65, 17.697, 244.141)
contains.

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Color

CIELCh(65, 17.831, 244.766)

Conversions

Conversions Part 1

Format	Color
Hex	7CA3BA
RGB	124, 163, 186
RGB Percent	49%, 64%, 73%
CMY	0.5135, 0.3606, 0.2704
CMYK	0.33, 0.12, 0.00, 0.27
HSL	202°, 31%, 61%
HSV	202°, 33%, 73%
XYZ	30.2928, 34.0472, 51.4569
YIQ	153.9610, -30.6270, -1.1150

Conversions

Conversions Part 2

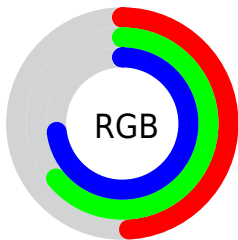
Format	Color
RYB	124, 148, 186
Decimal	8168378
CIELab	65.00, -7.60, -16.13
CIELCh	65, 17.831, 244.766
Yxy	34.0472, 0.2616, 0.2940
Android (android.graphics.Color)	4286358458 (0xFF7CA3BA)
YUV	153.9610, 15.7952, -26.2758
Hunter-Lab	58.3500, -9.4430, -11.4410

Details

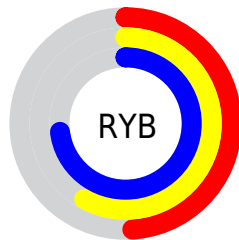
The CIELCh color $65, 17.831, 244.766$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $64, 21.087, 57.394$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 17.802, 244.205$, and $45, 18.016, 245.627$ is the 20% darker color. If you saturate the color by 10%, you get $62, 22.614, 246.777$, and if you desaturate by 10%, it is $68, 12.748, 243.130$.

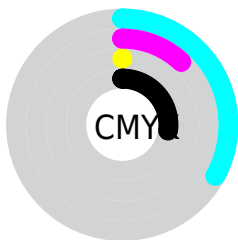
Distribution



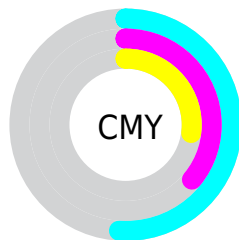
- Red (49%)
- Green (64%)
- Blue (73%)



- Red (49%)
- Yellow (58%)
- Blue (73%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (51%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 17.831, 244.766 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, 17.831, 244.766 by changing the saturation by 10% instead.

■ 65, 17.831,
244.766

■ 65, 17.831,
244.766

■ 100, 17.831,
244.766

■ 55, 17.831,
244.766

■ 85, 17.831,
244.766

■ 45, 17.831,
244.766

■ 95, 17.831,
244.766

■ 35, 17.831,
244.766

■ 25, 17.831,
244.766

■ 15, 17.831,
244.766

■ 5, 17.831, 244.766

■ 0, 17.831, 244.766

65, 17.831,
244.766

65, 17.831,
244.766

62, 22.614,
246.777

68, 12.748,
243.130

59, 27.058,
249.249

71, 7.416, 241.817

74, 1.882, 240.899

56, 31.145,
252.258

78, 3.808, 59.655

54, 34.889,
255.866

81, 9.613, 58.986

51, 38.355,
260.095

84, 15.499, 58.390

88, 21.439, 57.884

49, 41.661,
264.881

89, 22.118, 68.542

47, 43.899,
268.163

91, 23.364, 78.787

Harmonies

Complementary

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



65, 17.831, 244.766



64, 21.087, 57.394

Rectangle

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



65, 17.831, 244.766



65, 17.831, 294.766



65, 17.831, 64.766



65, 17.831, 114.766

Sweetspot

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



65, 17.830, 244.763



92, 6.932, 241.466



71, 31.475, 154.249



49, 4.757, 241.619



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 17.830, 244.763



80, 26.052, 246.199



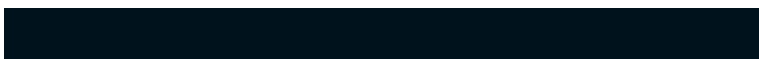
57, 30.755, 288.698



37, 3.139, 241.379



40, 38.084, 267.392



5, 9.100, 254.478

Inverse Universe

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



59, 31.965, 339.957



72, 47.342, 340.659



72, 29.065, 100.498



36, 5.324, 337.943



34, 61.407, 350.042



3, 13.290, 343.342

Previews

White Background



This preview shows how the CIELCh color 65, 17.831, 244.766 looks on a white background.

Color Contrast Check

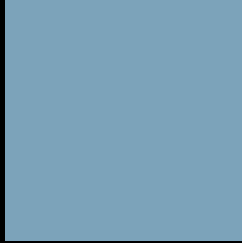
Large Text (above 18pt) WCAG AA × Fail

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 65, 17.831, 244.766 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

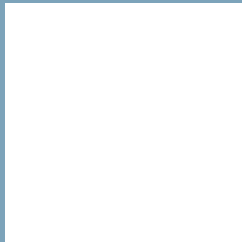
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 17.831, 244.766

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.831, 244.766.



This preview shows how white text looks on a background with the CIELCh color 65, 17.831, 244.766.

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, 17.831, 244.766

Protanopia

65, 13.932, 287.249

Deuteranopia

65, 18.992, 295.336



Tritanopia
65, 15.967, 227.746

Trichromacy



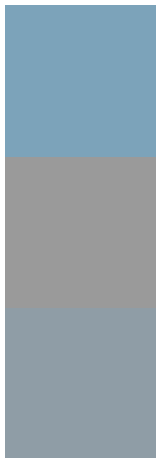
Original Color
65, 17.831, 244.766

Protanomaly
65, 14.425, 267.377

Deuteranomaly
65, 17.082, 277.891

Tritanomaly
65, 16.424, 233.813

Monochromacy



Original Color
65, 17.831, 244.766

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.076, 244.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.831, 244.766 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(124, 163, 186)` looks like.

```
.text, #text, p{  
    color:rgb(124, 163, 186)  
}
```

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(124, 163, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 163, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.831, 244.766 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(124, 163, 186) }
```

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

```
.border{ border-color:rgb(124, 163, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 163, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 163, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 163, 186); box-shadow:4px 4px 4px 4px rgb(124, 163, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.831, 244.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 163, 186) }
```

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

```
.background{ background-color: rgb(124,  
163, 186) }
```

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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