

Converting Colors

CIELCh(65, 13.896, 246.676)

Have a look what the booklet for
CIELCh(65, 13.896, 246.676)
contains.

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Color

CIELCh(65, 13.896, 245.119)

Conversions

Conversions Part 1

Format	Color
Hex	85A2B4
RGB	133, 162, 180
RGB Percent	52%, 64%, 71%
CMY	0.4790, 0.3653, 0.2947
CMYK	0.26, 0.10, 0.00, 0.29
HSL	203°, 24%, 61%
HSV	203°, 26%, 71%
XYZ	30.7622, 34.0472, 48.0440
YIQ	155.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

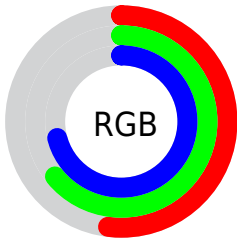
Format	Color
R _Y B	133, 151, 180
Decimal	8757940
CIE Lab	65.00, -5.85, -12.61
CIE LCh	65, 13.896, 245.119
Yxy	34.0472, 0.2726, 0.3017
Android (android.graphics.Color)	4286948020 (0xFF85A2B4)
YUV	155.3810, 12.1372, -19.6281
Hunter-Lab	58.3500, -8.0070, -7.9731

Details

The CIELCh color $65, 13.896, 245.119$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 15.699, 59.347$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 13.929, 244.979$, and $45, 13.900, 245.863$ is the 20% darker color. If you saturate the color by 10%, you get $62, 18.818, 246.885$, and if you desaturate by 10%, it is $68, 8.731, 243.678$.

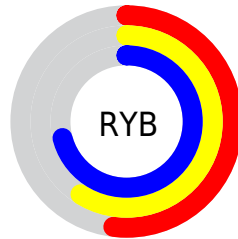
Distribution



Red (52%)

Green (64%)

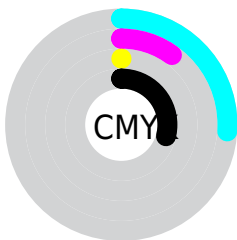
Blue (71%)



Red (52%)

Yellow (59%)

Blue (71%)

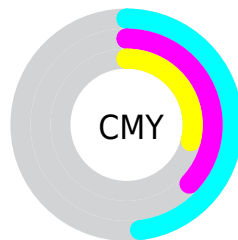


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 13.896, 245.119 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, 13.896, 245.119 by changing the saturation by 10% instead.

■ 65, 13.896,
245.119

■ 65, 13.896,
245.119

■ 100, 13.896,
245.119

■ 55, 13.896,
245.119

■ 85, 13.896,
245.119

■ 45, 13.896,
245.119

■ 95, 13.896,
245.119

■ 35, 13.896,
245.119

■ 25, 13.896,
245.119

■ 15, 13.896,
245.119

■ 5, 13.896, 245.119

■ 0, 13.896, 245.119

65, 13.896,
245.119

65, 13.896,
245.119

62, 18.818,
246.885

68, 8.731, 243.678

59, 23.457,
249.056

71, 3.370, 242.564

75, 2.144, 61.262

56, 27.780,
251.704

78, 7.772, 60.592

53, 31.780,
254.902

81, 13.481, 59.938

84, 19.243, 59.379

51, 35.487,
258.699

87, 23.874, 61.112

48, 38.978,
263.090

89, 24.535, 71.045

91, 25.897, 80.151

46, 42.384,
267.963

45, 43.746,

269.811

Harmonies

Complementary

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



65, 13.896, 245.119



65, 15.699, 59.347

Rectangle

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



65, 13.896, 245.119



65, 13.896, 295.119



65, 13.896, 65.119



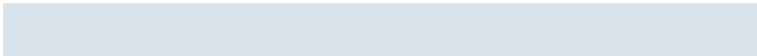
65, 13.896, 115.119

Sweetspot

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



65, 13.895, 245.114



90, 5.441, 242.754



69, 24.086, 154.987



47, 3.855, 242.909



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 13.895, 245.114



81, 20.240, 246.025



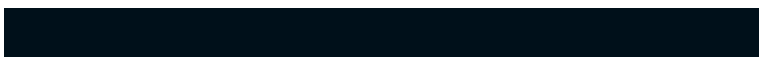
59, 23.157, 287.493



36, 3.079, 242.876



39, 38.464, 269.103



4, 7.984, 254.741

Inverse Universe

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



61, 24.191, 339.880



75, 35.632, 340.366



71, 22.202, 101.305



35, 5.157, 338.488



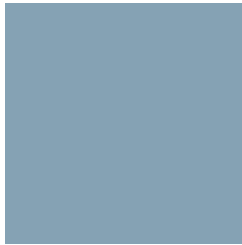
33, 60.321, 350.977



2, 11.442, 343.319

Previews

White Background



This preview shows how the CIE LCh color 65, 13.896, 245.119 looks on a white background.

Color Contrast Check

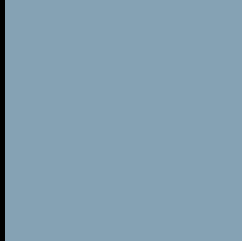
Large Text (above 18pt) WCAG AA × Fail

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, 13.896, 245.119 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

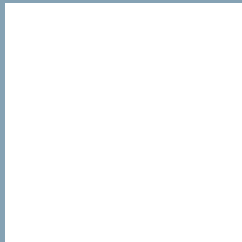
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 13.896, 245.119

Background



This preview shows how black text looks on a background with the CIELCh color 65, 13.896, 245.119.



This preview shows how white text looks on a background with the CIELCh color 65, 13.896, 245.119.

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, 13.896, 245.119

Protanopia
65, 11.132, 289.493

Deuteranopia
65, 16.470, 301.911



Tritanopia
65, 12.787, 233.237

Trichromacy



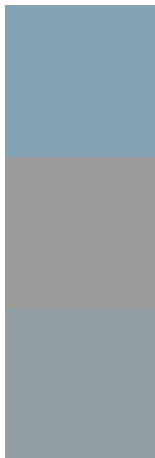
Original Color
65, 13.896, 245.119

Protanomaly
65, 11.177, 270.738

Deuteranomaly
65, 13.990, 284.362

Tritanomaly
65, 13.065, 235.411

Monochromacy



Original Color
65, 13.896, 245.119

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.316, 246.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 13.896, 245.119 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(133, 162, 180)` looks like.

```
.text, #text, p{  
    color:rgb(133, 162, 180)  
}
```

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(133, 162, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 162, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 13.896, 245.119 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(133, 162, 180) }
```

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

```
.border{ border-color:rgb(133, 162, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 162, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 162, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 162, 180);  
box-shadow:4px 4px 4px 4px rgb(133, 162,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 13.896, 245.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 162, 180) }
```

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

```
.background{ background-color: rgb(133,  
162, 180) }
```

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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