

Converting Colors

CIELCh(65, 17.260, 243.995)

Have a look what the booklet for
CIELCh(65, 17.260, 243.995)
contains.

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Color

CIELCh(65, 17.271, 244.023)

Conversions

Conversions Part 1

Format	Color
Hex	7DA3B9
RGB	125, 163, 185
RGB Percent	49%, 64%, 73%
CMY	0.5099, 0.3609, 0.2746
CMYK	0.32, 0.12, 0.00, 0.27
HSL	202°, 30%, 61%
HSV	202°, 32%, 73%
XYZ	30.3026, 34.0472, 50.8614
YIQ	154.1460, -29.7100, -1.2140

Conversions

Conversions Part 2

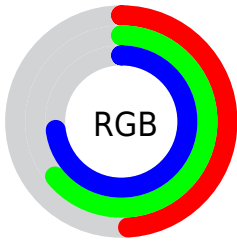
Format	Color
RYB	125, 148, 185
Decimal	8233913
CIELab	65.00, -7.56, -15.53
CIElCh	65, 17.271, 244.023
Yxy	34.0472, 0.2630, 0.2955
Android (android.graphics.Color)	4286423993 (0xFF7DA3B9)
YUV	154.1460, 15.2110, -25.5610
Hunter-Lab	58.3500, -9.4130, -10.8358

Details

The CIELCh color $65, 17.271, 244.023$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $64, 20.365, 56.990$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 17.253, 243.557$, and $45, 17.458, 244.703$ is the 20% darker color. If you saturate the color by 10%, you get $62, 22.037, 245.978$, and if you desaturate by 10%, it is $68, 12.204, 242.435$.

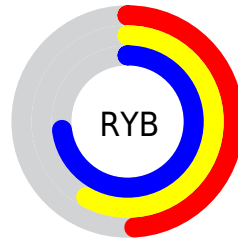
Distribution



Red (49%)

Green (64%)

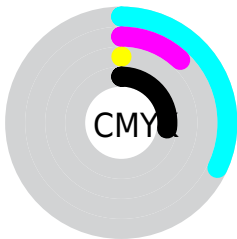
Blue (73%)



Red (49%)

Yellow (58%)

Blue (73%)

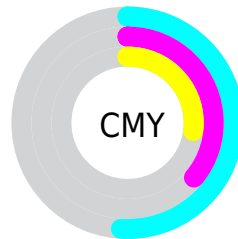


Cyan (32%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (51%)


Magenta (36%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 17.271, 244.023 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, 17.271, 244.023 by changing the saturation by 10% instead.


 65, 17.271,
244.023


 65, 17.271,
244.023


 100, 17.271,
244.023


 55, 17.271,
244.023


 85, 17.271,
244.023

 45, 17.271,
244.023

 95, 17.271,
244.023

 35, 17.271,
244.023

 25, 17.271,
244.023

 15, 17.271,
244.023

 5, 17.271, 244.023

 0, 17.271, 244.023

65, 17.271,
244.023

65, 17.271,
244.023

62, 22.037,
245.978

68, 12.204,
242.435

59, 26.463,
248.386

71, 6.889, 241.166

56, 30.524,
251.324

74, 1.373, 240.365

78, 4.298, 59.075

54, 34.232,
254.859

81, 10.082, 58.420

51, 37.643,
259.018

84, 15.947, 57.845

87, 21.864, 57.358

49, 40.873,
263.753

89, 22.432, 67.790

47, 43.333,
267.480

91, 23.591, 77.789

Harmonies

Complementary

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



65, 17.271, 244.023



64, 20.365, 56.990

Rectangle

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



65, 17.271, 244.023



65, 17.271, 294.023



65, 17.271, 64.023



65, 17.271, 114.023

Sweetspot

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



65, 17.270, 244.020



91, 6.864, 240.920



70, 30.907, 153.644



48, 4.670, 241.069



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, 17.270, 244.020



80, 25.185, 245.389



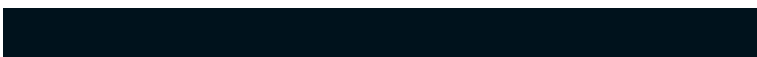
57, 29.166, 287.712



37, 3.136, 240.835



40, 37.772, 266.731



5, 9.069, 253.954

Inverse Universe

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



60, 31.061, 339.667



72, 45.933, 340.344



71, 27.721, 99.658



36, 5.340, 337.748



34, 61.544, 349.693



3, 13.334, 343.094

Previews

White Background



This preview shows how the CIELCh color 65, 17.271, 244.023 looks on a white background.

Color Contrast Check

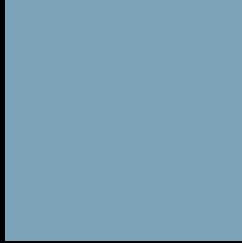
Large Text (above 18pt) WCAG AA × Fail

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, 17.271, 244.023 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

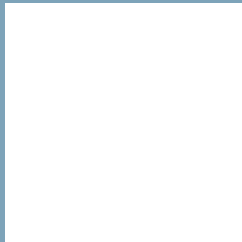
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 17.271, 244.023

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.271, 244.023.

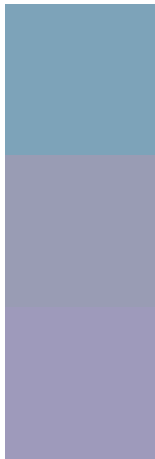


This preview shows how white text looks on a background with the CIELCh color 65, 17.271, 244.023.

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, 17.271, 244.023

Protanopia
65, 13.379, 286.997

Deuteranopia
65, 18.465, 296.479



Tritanopia
65, 15.492, 226.373

Trichromacy



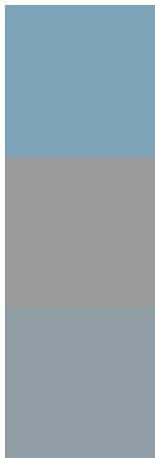
Original Color
65, 17.271, 244.023

Protanomaly
65, 13.799, 267.615

Deuteranomaly
65, 16.475, 278.479

Tritanomaly
65, 15.914, 232.658

Monochromacy



Original Color
65, 17.271, 244.023

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.715, 240.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.271, 244.023 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(125, 163, 185)` looks like.

```
.text, #text, p{  
    color:rgb(125, 163, 185)  
}
```

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(125, 163, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 163, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.271, 244.023 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(125, 163, 185) }
```

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

```
.border{ border-color:rgb(125, 163, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 163, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 163, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 163, 185);  
box-shadow:4px 4px 4px 4px rgb(125, 163,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.271, 244.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 163, 185) }
```

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

```
.background{ background-color: rgb(125,  
163, 185) }
```

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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