

Converting Colors

CIELCh(65, 17.604, 246.415)

Have a look what the booklet for
CIELCh(65, 17.604, 246.415)
contains.

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Color

CIELCh(65, 17.622, 245.485)

Conversions

Conversions Part 1

Format	Color
Hex	7DA3BA
RGB	125, 163, 186
RGB Percent	49%, 64%, 73%
CMY	0.5102, 0.3612, 0.2710
CMYK	0.33, 0.12, 0.00, 0.27
HSL	203°, 31%, 61%
HSV	203°, 33%, 73%
XYZ	30.3699, 34.0472, 51.3618
YIQ	154.2600, -30.0310, -0.9030

Conversions

Conversions Part 2

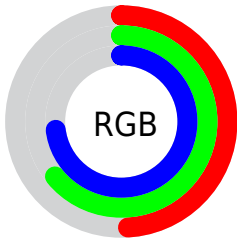
Format	Color
RYB	125, 148, 186
Decimal	8233914
CIELab	65.00, -7.31, -16.03
CIElCh	65, 17.622, 245.485
Yxy	34.0472, 0.2623, 0.2941
Android (android.graphics.Color)	4286423994 (0xFF7DA3BA)
YUV	154.2600, 15.6478, -25.6610
Hunter-Lab	58.3500, -9.2069, -11.3443

Details

The CIELCh color `65, 17.622, 245.485` is a light color, and the websafe version is hex `669999`. A complement of this color would be `64, 20.711, 58.103`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 17.589, 244.920`, and `45, 17.825, 246.306` is the 20% darker color. If you saturate the color by 10%, you get `62, 22.451, 247.498`, and if you desaturate by 10%, it is `68, 12.504, 243.844`.

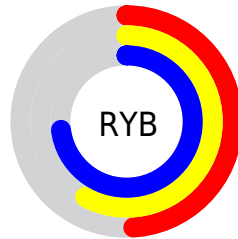
Distribution



Red (49%)

Green (64%)

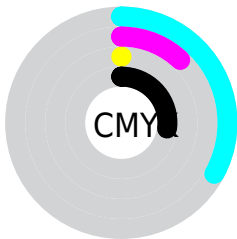
Blue (73%)



Red (49%)

Yellow (58%)

Blue (73%)

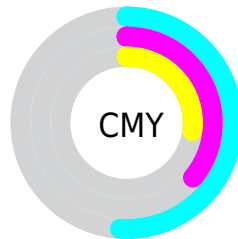


Cyan (33%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (51%)


Magenta (36%)

Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 17.622, 245.485 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, 17.622, 245.485 by changing the saturation by 10% instead.


 65, 17.622,
245.485


 65, 17.622,
245.485


 100, 17.622,
245.485


 55, 17.622,
245.485


 85, 17.622,
245.485

 45, 17.622,
245.485

 95, 17.622,
245.485

 35, 17.622,
245.485

 25, 17.622,
245.485

 15, 17.622,
245.485

 5, 17.622, 245.485

 0, 17.622, 245.485

65, 17.622,
245.485

65, 17.622,
245.485

62, 22.451,
247.498

68, 12.504,
243.844

59, 26.955,
249.969

71, 7.146, 242.525

75, 1.595, 241.637

56, 31.113,
252.971

78, 4.105, 60.353

54, 34.941,
256.567

81, 9.914, 59.666

51, 38.500,
260.777

85, 15.800, 59.059

88, 21.729, 58.552

49, 41.909,
265.539

90, 22.277, 69.745

47, 44.393,
269.070

91, 23.630, 79.976

Harmonies

Complementary

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



65, 17.622, 245.485



64, 20.711, 58.103

Rectangle

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



65, 17.622, 245.485



65, 17.622, 295.485



65, 17.622, 65.485



65, 17.622, 115.485

Sweetspot

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



65, 17.621, 245.482



92, 6.945, 242.228



71, 30.978, 154.303



49, 4.766, 242.384



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, 17.621, 245.482



80, 25.563, 246.815



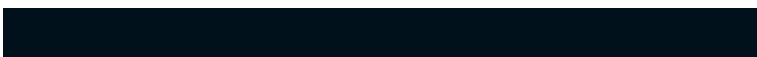
57, 30.232, 288.608



37, 3.145, 242.139



39, 38.529, 268.305



5, 9.144, 255.201

Inverse Universe

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



60, 31.330, 340.203



73, 46.019, 340.859



72, 28.602, 100.555



36, 5.301, 338.219



34, 61.219, 350.535



3, 13.230, 343.689

Previews

White Background



This preview shows how the CIELCh color 65, 17.622, 245.485 looks on a white background.

Color Contrast Check

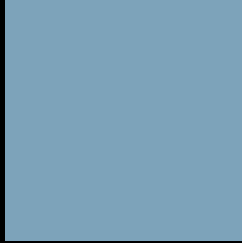
Large Text (above 18pt) WCAG AA × Fail

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, 17.622, 245.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

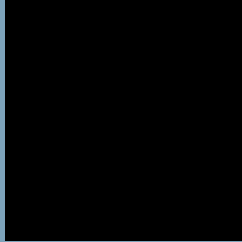
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

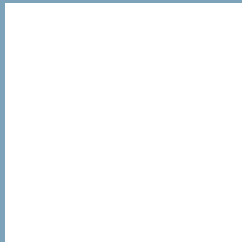
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 17.622, 245.485

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.622, 245.485.



This preview shows how white text looks on a background with the CIELCh color 65, 17.622, 245.485.

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, 17.622, 245.485

Protanopia

65, 13.932, 287.249

Deuteranopia

65, 19.019, 296.395



Tritanopia
65, 15.492, 226.373

Trichromacy



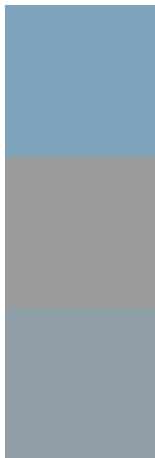
Original Color
65, 17.622, 245.485

Protanomaly
65, 14.301, 268.630

Deuteranomaly
65, 17.013, 279.004

Tritanomaly
65, 15.914, 232.658

Monochromacy



Original Color
65, 17.622, 245.485

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, 17.622, 245.485 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 163, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 163, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.622, 245.485 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, 186) }
```

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

```
.border{ border-color:rgb(125, 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(125, 163, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 163, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 163, 186);  
box-shadow:4px 4px 4px 4px rgb(125, 163,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.622, 245.485 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, 186) }
```

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

```
.background{ background-color: rgb(125,  
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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