

Converting Colors

CIELCh(65, 14.901, 200.815)

Have a look what the booklet for
CIELCh(65, 14.901, 200.815)
contains.

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Color

CIELCh(65, 14.752, 202.530)

Conversions

Conversions Part 1

Format	Color
Hex	7BA5A7
RGB	123, 165, 167
RGB Percent	48%, 65%, 65%
CMY	0.5165, 0.3518, 0.3440
CMYK	0.26, 0.01, 0.00, 0.34
HSL	183°, 20%, 57%
HSV	183°, 26%, 66%
XYZ	28.7178, 34.0472, 41.7576
YIQ	152.6700, -25.6740, -8.2820

Conversions

Conversions Part 2

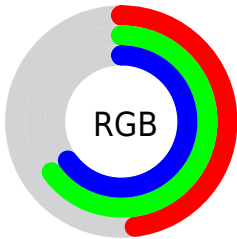
Format	Color
RYB	123, 144, 167
Decimal	8103335
CIELab	65.00, -13.63, -5.65
CIElCh	65, 14.752, 202.530
Yxy	34.0472, 0.2748, 0.3257
Android (android.graphics.Color)	4286293415 (0xFF7BA5A7)
YUV	152.6700, 7.0647, -26.0206
Hunter-Lab	58.3500, -14.2609, -1.5854

Details

The CIELCh color `65, 14.752, 202.530` is a light color, and the websafe version is hex `669999`. A complement of this color would be `57, 17.628, 24.941`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 14.602, 202.589`, and `45, 14.826, 202.438` is the 20% darker color. If you saturate the color by 10%, you get `64, 19.569, 202.315`, and if you desaturate by 10%, it is `66, 9.449, 202.825`.

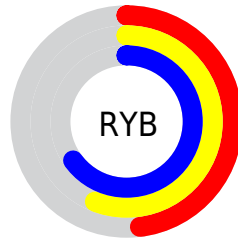
Distribution



Red (48%)

Green (65%)

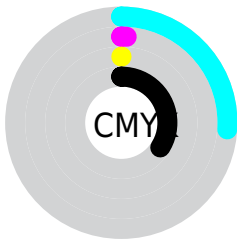
Blue (65%)



Red (48%)

Yellow (56%)

Blue (65%)

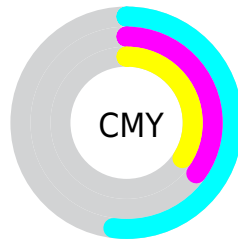


Cyan (26%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (52%)


Magenta (35%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 14.752, 202.530 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, 14.752, 202.530 by changing the saturation by 10% instead.


 65, 14.752,
202.530


 65, 14.752,
202.530


 100, 14.752,
202.530


 55, 14.752,
202.530


 85, 14.752,
202.530

 45, 14.752,
202.530

 95, 14.752,
202.530

 35, 14.752,
202.530

 25, 14.752,
202.530

 15, 14.752,
202.530

 5, 14.752, 202.530

 0, 14.752, 202.530

65, 14.752,
202.530

65, 14.752,
202.530

64, 19.569,
202.315

66, 9.449, 202.825

63, 23.805,
202.203

68, 3.753, 203.249

69, 2.247, 23.301

62, 27.374,
202.203

71, 8.472, 23.898

61, 30.211,
202.328

73, 14.855, 24.390

74, 21.339, 24.889

61, 32.283,
202.594

76, 27.880, 25.396

60, 33.599,
203.012

78, 33.579, 25.926

78, 33.329, 26.592

60, 34.235,
203.582

60, 34.402,

Harmonies

Complementary

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



65, 14.752, 202.530



57, 17.628, 24.941

Rectangle

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



65, 14.752, 202.530



65, 14.752, 252.530



65, 14.752, 22.530



65, 14.752, 72.530

Sweetspot

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



65, 14.752, 202.525



85, 5.852, 203.152



65, 29.183, 143.582



45, 4.177, 203.084



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 14.752, 202.525



81, 21.631, 202.383



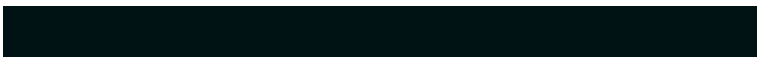
59, 14.886, 262.914



35, 3.360, 203.099



53, 31.443, 203.729



5, 6.177, 205.047

Inverse Universe

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



57, 28.959, 327.119



70, 43.391, 327.461



62, 15.740, 75.634



33, 6.234, 326.166



34, 74.348, 330.089



2, 11.178, 326.186

Previews

White Background



This preview shows how the CIELCh color 65, 14.752, 202.530 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, 14.752, 202.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

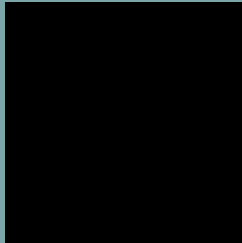
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 14.752, 202.530

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.752, 202.530.



This preview shows how white text looks on a background with the CIELCh color 65, 14.752, 202.530.

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, 14.752, 202.530

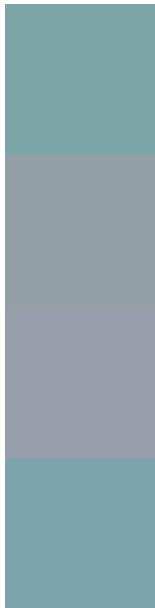
Protanopia
65, 3.546, 309.198

Deuteranopia
65, 10.870, 319.935



Tritanopia
65, 14.947, 227.525

Trichromacy



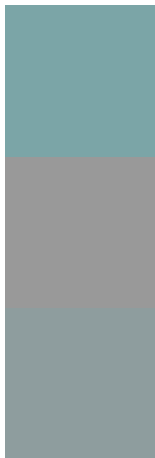
Original Color
65, 14.752, 202.530

Protanomaly
65, 5.494, 229.608

Deuteranomaly
65, 6.990, 272.534

Tritanomaly
65, 14.538, 218.599

Monochromacy



Original Color
65, 14.752, 202.530

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 5.606, 204.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.752, 202.530 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(123, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(123, 165, 167)  
}
```

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(123, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 165, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.752, 202.530 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(123, 165, 167) }
```

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

```
.border{ border-color:rgb(123, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(123, 165,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.752, 202.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 165, 167) }
```

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

```
.background{ background-color: rgb(123,  
165, 167) }
```

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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