

Converting Colors

CIELCh(65, 12.233, 215.336)

Have a look what the booklet for
CIELCh(65, 12.233, 215.336)
contains.

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Color

CIELCh(65, 12.357, 214.195)

Conversions

Conversions Part 1

Format	Color
Hex	82A4AA
RGB	130, 164, 170
RGB Percent	51%, 64%, 67%
CMY	0.4914, 0.3581, 0.3346
CMYK	0.24, 0.04, 0.00, 0.33
HSL	189°, 19%, 59%
HSV	189°, 24%, 67%
XYZ	29.6012, 34.0472, 42.8817
YIQ	154.5180, -22.1900, -5.3420

Conversions

Conversions Part 2

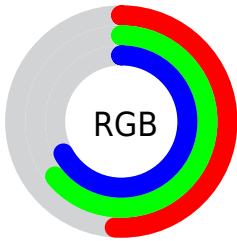
Format	Color
RYB	130, 148, 170
Decimal	8561834
CIELab	65.00, -10.22, -6.94
CIElCh	65, 12.357, 214.195
Yxy	34.0472, 0.2779, 0.3196
Android (android.graphics.Color)	4286751914 (0xFF82A4AA)
YUV	154.5180, 7.6326, -21.5023
Hunter-Lab	58.3500, -11.5587, -2.7275

Details

The CIELCh color `65, 12.357, 214.195` is a light color, and the websafe version is hex `669999`. A complement of this color would be `60, 14.493, 34.108`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 12.246, 213.651`, and `45, 12.453, 214.971` is the 20% darker color. If you saturate the color by 10%, you get `63, 16.960, 214.548`, and if you desaturate by 10%, it is `67, 7.336, 214.003`.

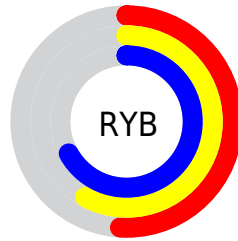
Distribution



Red (51%)

Green (64%)

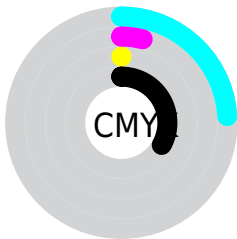
Blue (67%)



Red (51%)

Yellow (58%)

Blue (67%)

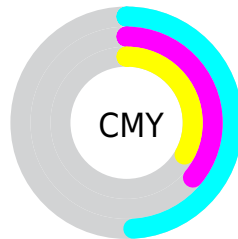


Cyan (24%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (49%)


Magenta (36%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 12.357, 214.195 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, 12.357, 214.195 by changing the saturation by 10% instead.


 65, 12.357,
214.195


 65, 12.357,
214.195


 100, 12.357,
214.195


 55, 12.357,
214.195


 85, 12.357,
214.195

 45, 12.357,
214.195

 95, 12.357,
214.195

 35, 12.357,
214.195

 25, 12.357,
214.195

 15, 12.357,
214.195

 5, 12.357, 214.195

 0, 12.357, 214.195

65, 12.357,
214.195

65, 12.357,
214.195

63, 16.960,
214.548

67, 7.336, 214.003

62, 21.058,
215.110

69, 1.979, 214.094

71, 3.639, 33.720

60, 24.567,
215.918

73, 9.455, 33.884

59, 27.419,
217.026

75, 15.412, 34.042

77, 21.467, 34.231

58, 29.568,
218.495

80, 27.585, 34.446

57, 31.014,
220.387

81, 29.573, 36.235

82, 29.016, 39.095

56, 31.808,
222.757

55, 32.129,

224.447

Harmonies

Complementary

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



65, 12.357, 214.195



60, 14.493, 34.108

Rectangle

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



65, 12.357, 214.195



65, 12.357, 264.195



65, 12.357, 34.195



65, 12.357, 84.195

Sweetspot

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



65, 12.357, 214.189



87, 4.788, 213.991



66, 24.662, 146.701



46, 3.131, 213.986



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 12.357, 214.189



82, 17.943, 214.344



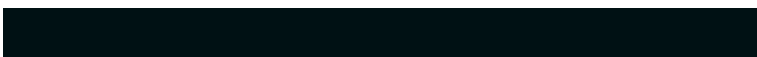
60, 15.068, 271.816



35, 3.075, 213.981



48, 29.053, 224.090



4, 5.570, 219.509

Inverse Universe

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



59, 24.434, 330.239



73, 36.088, 330.546



65, 15.295, 85.370



33, 5.797, 329.358



34, 68.613, 335.119



2, 10.149, 330.531

Previews

White Background



This preview shows how the CIELCh color 65, 12.357, 214.195 looks on a white background.

Color Contrast Check

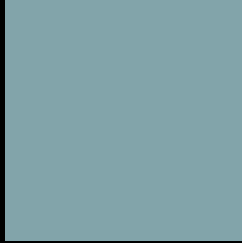
Large Text (above 18pt) WCAG AA × Fail

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, 12.357, 214.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

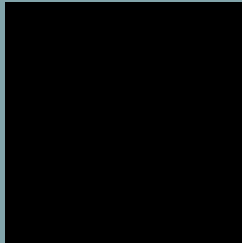
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 12.357, 214.195

Background



This preview shows how black text looks on a background with the CIELCh color 65, 12.357, 214.195.




This preview shows how white text looks on a background with the CIELCh color 65, 12.357, 214.195.

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](#).

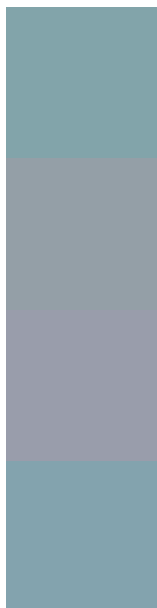
Dichromacy





Tritanopia
65, 13.056, 232.412

Trichromacy



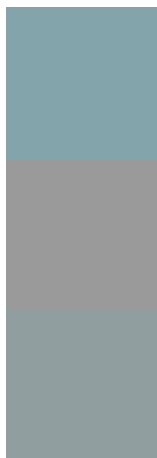
Original Color
65, 12.357, 214.195

Protanomaly
65, 5.943, 247.810

Deuteranomaly
65, 7.898, 280.323

Tritanomaly
65, 12.571, 227.853

Monochromacy



Original Color
65, 12.357, 214.195

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.947, 212.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 12.357, 214.195 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(130, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(130, 164, 170)  
}
```

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(130, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 164, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 12.357, 214.195 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(130, 164, 170) }
```

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

```
.border{ border-color:rgb(130, 164, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 164, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(130, 164,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 12.357, 214.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 164, 170) }
```

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

```
.background{ background-color: rgb(130,  
164, 170) }
```

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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