

Converting Colors

CIELCh(65, 24.169, 213.179)

Have a look what the booklet for
CIELCh(65, 24.169, 213.179)
contains.

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Color

CIELCh(65, 24.096, 213.811)

Conversions

Conversions Part 1

Format	Color
Hex	5EA9B5
RGB	94, 169, 181
RGB Percent	37%, 66%, 71%
CMY	0.6317, 0.3376, 0.2906
CMYK	0.48, 0.07, 0.00, 0.29
HSL	188°, 37%, 54%
HSV	188°, 48%, 71%
XYZ	27.1069, 34.0472, 48.8073
YIQ	147.9430, -48.5520, -12.1680

Conversions

Conversions Part 2

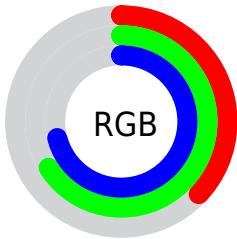
Format	Color
R _Y B	94, 134, 181
Decimal	6203829
CIE Lab	65.00, -20.02, -13.41
CIE LCh	65, 24.096, 213.811
Yxy	34.0472, 0.2465, 0.3096
Android (android.graphics.Color)	4284393909 (0xFF5EA9B5)
YUV	147.9430, 16.2971, -47.3080
Hunter-Lab	58.3500, -19.1890, -8.7487

Details

The CIELCh color **65, 24.096, 213.811** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 34.726, 34.485**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 23.945, 214.677**, and **45, 24.107, 213.013** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.483, 214.641**, and if you desaturate by 10%, it is **67, 20.038, 213.230**.

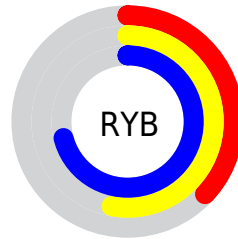
Distribution



Red (37%)

Green (66%)

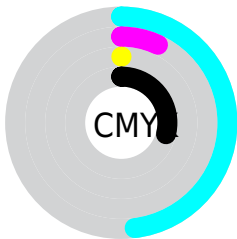
Blue (71%)



Red (37%)

Yellow (53%)

Blue (71%)

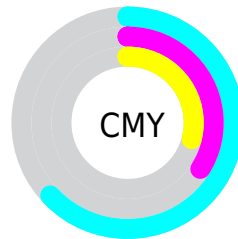


Cyan (48%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (63%)


Magenta (34%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.096, 213.811 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, 24.096, 213.811 by changing the saturation by 10% instead.


 65, 24.096,
213.811


 65, 24.096,
213.811


 100, 24.096,
213.811


 55, 24.096,
213.811


 85, 24.096,
213.811

 45, 24.096,
213.811

 95, 24.096,
213.811

 35, 24.096,
213.811

 25, 24.096,
213.811

 15, 24.096,
213.811

 5, 24.096, 213.811

 0, 24.096, 213.811

65, 24.096,
213.811

65, 24.096,
213.811

64, 27.483,
214.641

67, 20.038,
213.230

62, 30.134,
215.781

68, 15.393,
212.860

61, 32.022,
217.284

70, 10.256,
212.664

60, 33.169,
219.208

72, 4.717, 212.640

59, 33.703,
221.557

74, 1.138, 32.099

76, 7.233, 32.579

59, 33.787,
222.020

78, 13.505, 32.771

81, 19.901, 32.987

83, 25.698, 33.502

Harmonies

Complementary

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



65, 24.096, 213.811



53, 34.726, 34.485

Rectangle

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



65, 24.096, 213.811



65, 24.096, 263.811



65, 24.096, 33.811



65, 24.096, 83.811

Sweetspot

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



65, 24.096, 213.809



89, 9.916, 212.631



67, 52.234, 144.263



47, 6.798, 212.646



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, 24.096, 213.809



81, 33.708, 214.729



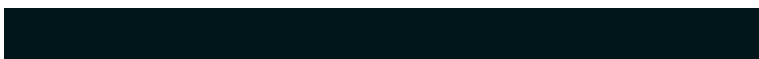
52, 32.851, 277.058



37, 3.256, 212.630



50, 29.877, 221.640



6, 7.738, 219.348

Inverse Universe

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



53, 51.872, 331.352



63, 75.100, 332.017



63, 33.789, 82.009



35, 6.139, 328.970



35, 70.960, 334.502



2, 14.136, 330.539

Previews

White Background



This preview shows how the CIE LCh color 65, 24.096, 213.811 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, 24.096, 213.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

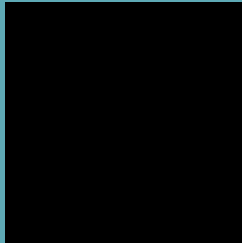
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.096, 213.811

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.096, 213.811.



This preview shows how white text looks on a background with the CIELCh color 65, 24.096, 213.811.

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, 24.096, 213.811

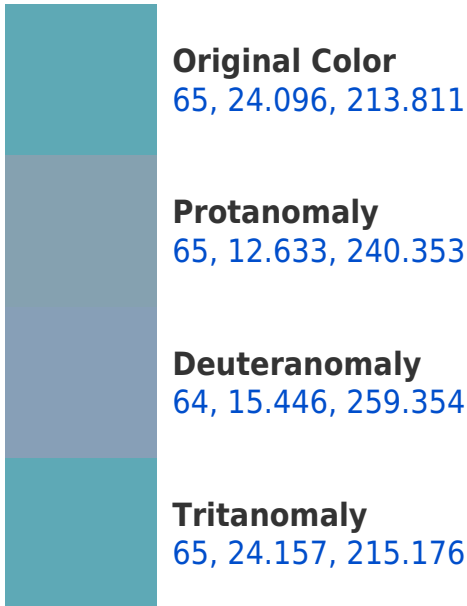
Protanopia
65, 9.465, 288.974

Deuteranopia
65, 17.457, 299.016

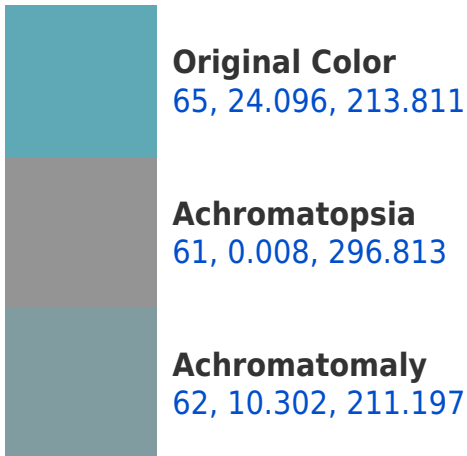


Tritanopia
65, 24.157, 215.176

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.096, 213.811 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(94, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(94, 169, 181)  
}
```

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(94, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 169, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.096, 213.811 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(94, 169, 181) }
```

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

```
.border{ border-color:rgb(94, 169, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 169, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(94, 169,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.096, 213.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 169, 181) }
```

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

```
.background{ background-color: rgb(94, 169,  
181) }
```

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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