

Converting Colors

CIELCh(65, 24.922, 194.246)

Have a look what the booklet for
CIELCh(65, 24.922, 194.246)
contains.

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Color

CIELCh(65, 24.826, 194.746)

Conversions

Conversions Part 1

Format	Color
Hex	5EAAA8
RGB	94, 170, 168
RGB Percent	37%, 67%, 66%
CMY	0.6306, 0.3326, 0.3404
CMYK	0.45, 0.00, 0.01, 0.33
HSL	178°, 31%, 52%
HSV	178°, 45%, 67%
XYZ	26.1335, 34.0472, 42.3349
YIQ	147.0480, -44.6540, -16.7340

Conversions

Conversions Part 2

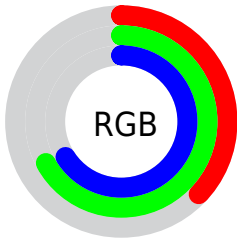
Format	Color
RYB	94, 133, 170
Decimal	6204072
CIELab	65.00, -24.01, -6.32
CIElCh	65, 24.826, 194.746
Yxy	34.0472, 0.2549, 0.3321
Android (android.graphics.Color)	4284394152 (0xFF5EAAA8)
YUV	147.0480, 10.3293, -46.5231
Hunter-Lab	58.3500, -22.1666, -2.1720

Details

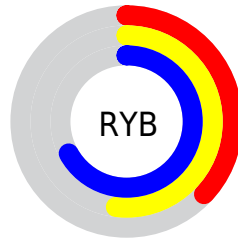
The CIELCh color **65, 24.826, 194.746** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **49, 33.505, 22.055**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.011, 194.068**, and **45, 24.611, 195.336** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.857, 194.270**, and if you desaturate by 10%, it is **66, 20.125, 195.253**.

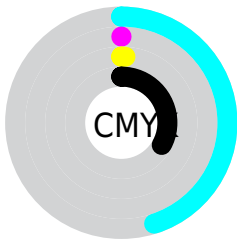
Distribution



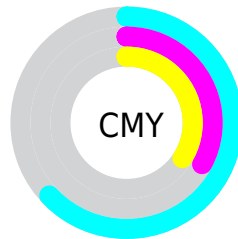
- Red (37%)
- Green (67%)
- Blue (66%)



- Red (37%)
- Yellow (52%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (63%)
- Magenta (33%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 24.826, 194.746 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, 24.826, 194.746 by changing the saturation by 10% instead.


 65, 24.826,
194.746


 65, 24.826,
194.746

 100, 24.826,
194.746

 55, 24.826,
194.746


 85, 24.826,
194.746

 45, 24.826,
194.746

 95, 24.826,
194.746

 35, 24.826,
194.746

 25, 24.826,
194.746

 15, 24.826,
194.746

 5, 24.826, 194.746

 0, 24.826, 194.746

65, 24.826,
194.746

65, 24.826,
194.746

64, 28.857,
194.270

66, 20.125,
195.253

64, 32.147,
193.829

67, 14.846,
195.799

63, 34.655,
193.417

68, 9.089, 196.388

63, 36.386,
193.025

69, 2.955, 197.092

70, 3.462, 17.402

63, 37.394,
192.644

72, 10.078, 18.125

63, 37.777,
192.444

74, 16.823, 18.786

75, 23.638, 19.442

77, 30.478, 20.095

Harmonies

Complementary

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



65, 24.826, 194.746



49, 33.505, 22.055

Rectangle

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



65, 24.826, 194.746



65, 24.826, 244.746



65, 24.826, 14.746



65, 24.826, 64.746

Sweetspot

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



65, 24.826, 194.744



86, 10.040, 196.476



63, 50.260, 140.293



46, 7.042, 196.342



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, 24.826, 194.744



82, 35.309, 194.255



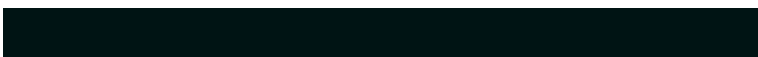
55, 23.549, 259.446



35, 3.525, 196.734



55, 34.064, 192.488



5, 6.586, 196.337

Inverse Universe

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



49, 33.505, 22.055



58, 51.607, 24.185



57, 27.487, 66.523



33, 3.723, 17.770



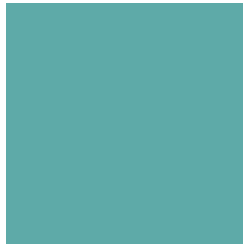
30, 68.085, 38.305



1, 6.578, 17.516

Previews

White Background



This preview shows how the CIELCh color 65, 24.826, 194.746 looks on a white background.

Color Contrast Check

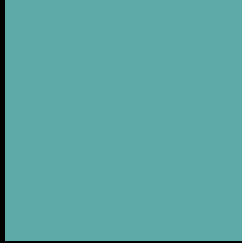
Large Text (above 18pt) WCAG AA × Fail

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, 24.826, 194.746 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, 24.826, 194.746

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.826, 194.746.

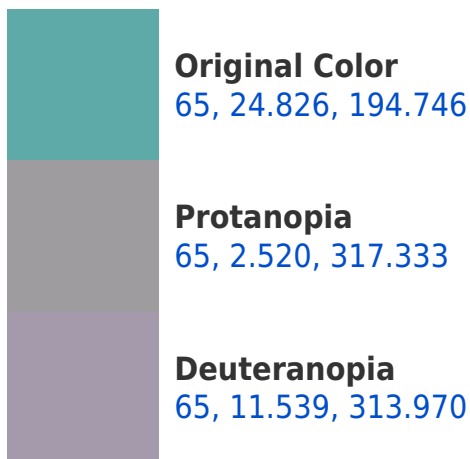


This preview shows how white text looks on a background with the CIELCh color 65, 24.826, 194.746.

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, 23.070, 217.621

Trichromacy



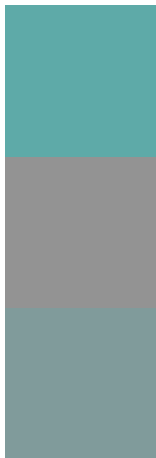
Original Color
65, 24.826, 194.746

Protanomaly
64, 9.484, 205.406

Deuteranomaly
64, 9.649, 242.993

Tritanomaly
65, 23.246, 208.706

Monochromacy



Original Color
65, 24.826, 194.746

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 9.900, 198.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.826, 194.746 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, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(94, 170, 168)  
}
```

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, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 170, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.826, 194.746 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, 170, 168) }
```

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

```
.border{ border-color:rgb(94, 170, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 170, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 170, 168);  
box-shadow:4px 4px 4px 4px rgb(94, 170,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.826, 194.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 170, 168) }
```

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

```
.background{ background-color: rgb(94, 170,  
168) }
```

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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