

Converting Colors

CIELCh(65, 26.400, 197.285)

Have a look what the booklet for
CIELCh(65, 26.400, 197.285)
contains.

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Color

CIELCh(65, 26.558, 197.219)

Conversions

Conversions Part 1

Format	Color
Hex	57ABAB
RGB	87, 171, 171
RGB Percent	34%, 67%, 67%
CMY	0.6592, 0.3298, 0.3298
CMYK	0.49, 0.00, 0.00, 0.33
HSL	180°, 33%, 51%
HSV	180°, 49%, 67%
XYZ	25.8071, 34.0472, 43.6914
YIQ	145.8840, -50.0640, -17.8080

Conversions

Conversions Part 2

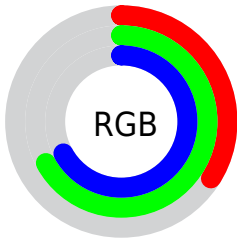
Format	Color
RYB	87, 129, 171
Decimal	5745579
CIELab	65.00, -25.37, -7.86
CIElCh	65, 26.558, 197.219
Yxy	34.0472, 0.2492, 0.3288
Android (android.graphics.Color)	4283935659 (0xFF57ABAB)
YUV	145.8840, 12.3822, -51.6413
Hunter-Lab	58.3500, -23.1652, -3.5504

Details

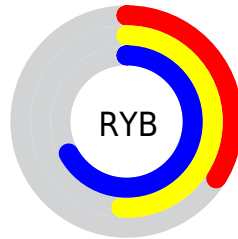
The CIELCh color **65, 26.558, 197.219** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 37.774, 24.817**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.708, 196.478**, and **45, 26.366, 197.913** is the 20% darker color. If you saturate the color by 10%, you get **64, 30.178, 196.928**, and if you desaturate by 10%, it is **66, 22.219, 197.569**.

Distribution



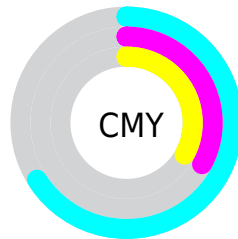
- Red (34%)
- Green (67%)
- Blue (67%)



- Red (34%)
- Yellow (51%)
- Blue (67%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)





- Cyan (66%)
- Magenta (33%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.558, 197.219 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, 26.558, 197.219 by changing the saturation by 10% instead.


 65, 26.558,
197.219


 65, 26.558,
197.219


 100, 26.558,
197.219


 55, 26.558,
197.219


 85, 26.558,
197.219

 45, 26.558,
197.219

 95, 26.558,
197.219

 35, 26.558,
197.219

 25, 26.558,
197.219

 15, 26.558,
197.219

 5, 26.558, 197.219

 0, 26.558, 197.219

65, 26.558,
197.219

65, 26.558,
197.219

64, 30.178,
196.928

66, 22.219,
197.569

64, 33.025,
196.703

67, 17.242,
197.981

64, 35.083,
196.543

68, 11.721,
198.452

63, 36.381,
196.442

69, 5.759, 198.998

63, 37.079,
196.388

70, 0.547, 18.554

63, 37.132,
196.384

71, 7.108, 19.951

73, 13.845, 20.575

75, 20.693, 21.193

76, 27.600, 21.813

Harmonies

Complementary

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



65, 26.558, 197.219



47, 37.774, 24.817

Rectangle

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



65, 26.558, 197.219



65, 26.558, 247.219



65, 26.558, 17.219



65, 26.558, 67.219

Sweetspot

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



65, 26.558, 197.217



86, 11.482, 198.652



63, 55.418, 140.192



46, 7.850, 198.546



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, 26.558, 197.217



82, 37.011, 196.905



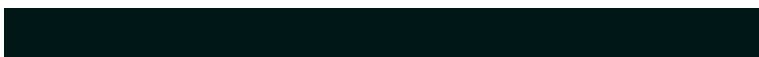
53, 26.364, 262.583



36, 3.603, 198.988



56, 33.808, 196.384



6, 7.801, 199.420

Inverse Universe

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



47, 37.774, 24.817



56, 57.593, 27.283



57, 30.821, 67.685



34, 3.818, 19.908



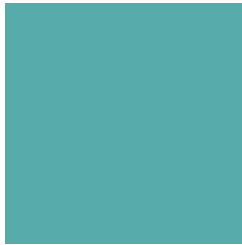
31, 69.982, 39.446



2, 7.802, 19.404

Previews

White Background



This preview shows how the CIELCh color 65, 26.558, 197.219 looks on a white background.

Color Contrast Check

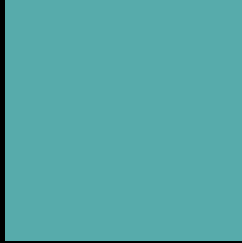
Large Text (above 18pt) WCAG AA × Fail

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, 26.558, 197.219 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, 26.558, 197.219

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.558, 197.219.

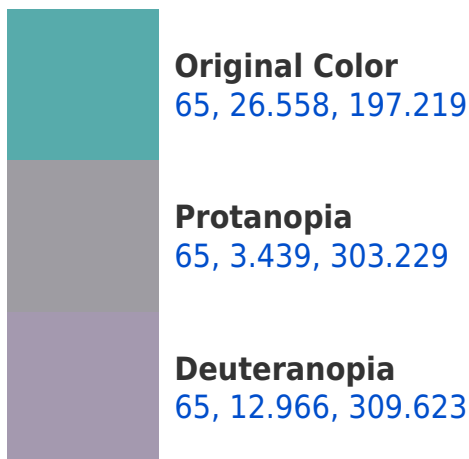


This preview shows how white text looks on a background with the CIELCh color 65, 26.558, 197.219.

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](#).

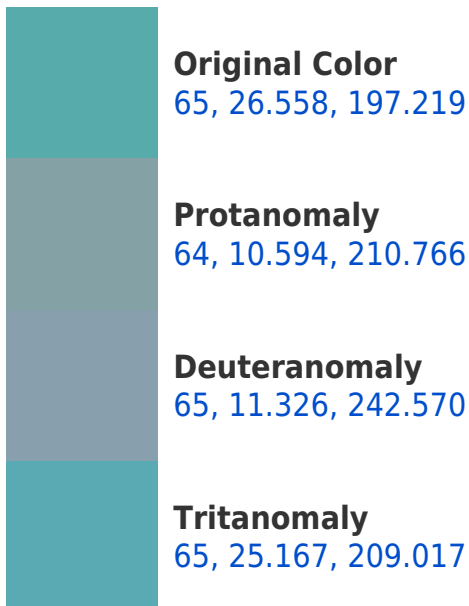
Dichromacy



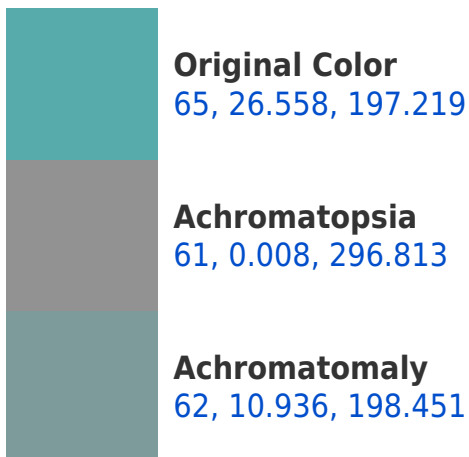


Tritanopia
65, 24.902, 215.959

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.558, 197.219 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(87, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(87, 171, 171)  
}
```

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(87, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.558, 197.219 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(87, 171, 171) }
```

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

```
.border{ border-color:rgb(87, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(87, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.558, 197.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 171, 171) }
```

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

```
.background{ background-color: rgb(87, 171,  
171) }
```

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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