

Converting Colors

CIELCh(65, 26.439, 237.335)

Have a look what the booklet for
CIELCh(65, 26.439, 237.335)
contains.

| | |
|--|----|
| CIELCh(65, 26.443, 237.497) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(65, 26.443, 237.497)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5FA7C5 |
| RGB | 95, 167, 197 |
| RGB Percent | 37%, 65%, 77% |
| CMY | 0.6279, 0.3455, 0.2279 |
| CMYK | 0.52, 0.15, 0.00, 0.23 |
| HSL | 198°, 47%, 57% |
| HSV | 198°, 52%, 77% |
| XYZ | 28.5684, 34.0472, 57.8180 |
| YIQ | 148.8920, -52.5420, -5.9340 |

Conversions

Conversions Part 2

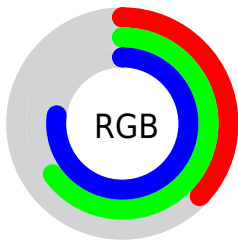
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 95, 137, 197 |
| Decimal | 6268869 |
| CIE Lab | 65.00, -14.21, -22.30 |
| CIE LCh | 65, 26.443, 237.497 |
| Yxy | 34.0472, 0.2372, 0.2827 |
| Android (android.graphics.Color) | 4284458949 (0xFF5FA7C5) |
| YUV | 148.8920, 23.7172, -47.2633 |
| Hunter-Lab | 58.3500, -14.7179, -17.9045 |

Details

The CIELCh color **65, 26.443, 237.497** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **59, 37.347, 48.457**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.439, 238.169**, and **45, 26.399, 237.325** is the 20% darker color. If you saturate the color by 10%, you get **63, 30.163, 239.990**, and if you desaturate by 10%, it is **68, 22.192, 235.508**.

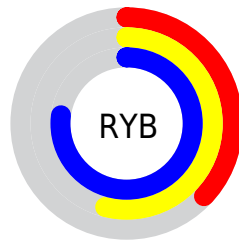
Distribution



Red (37%)

Green (65%)

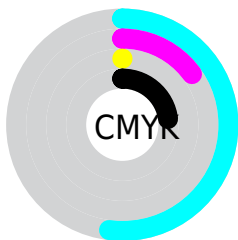
Blue (77%)



Red (37%)

Yellow (54%)

Blue (77%)

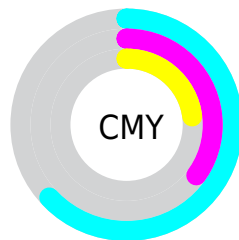


Cyan (52%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (63%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 26.443, 237.497 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, 26.443, 237.497 by changing the saturation by 10% instead.

■ 65, 26.443,
237.497

■ 65, 26.443,
237.497

■ 100, 26.443,
237.497

■ 55, 26.443,
237.497

■ 85, 26.443,
237.497

■ 45, 26.443,
237.497

■ 95, 26.443,
237.497

■ 35, 26.443,
237.497

■ 25, 26.443,
237.497

■ 15, 26.443,
237.497

■ 5, 26.443, 237.497

■ 0, 26.443, 237.497

65, 26.443,
237.497

65, 26.443,
237.497

63, 30.163,
239.990

68, 22.192,
235.508

60, 33.340,
243.082

70, 17.462,
233.940

58, 36.010,
246.841

73, 12.319,
232.712

56, 38.278,
251.281

76, 6.832, 231.773

55, 40.012,
255.243

79, 1.070, 231.407

82, 4.905, 50.240

85, 11.041, 49.831

88, 17.295, 49.485

90, 18.008, 59.319

Harmonies

Complementary

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



65, 26.443, 237.497



59, 37.347, 48.457

Rectangle

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



65, 26.443, 237.497



65, 26.443, 287.497



65, 26.443, 57.497



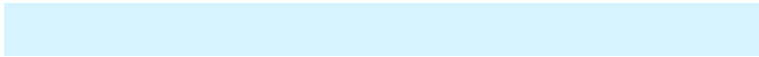
65, 26.443, 107.497

Sweetspot

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



65, 26.442, 237.496



94, 11.305, 232.156



72, 53.617, 148.728



49, 7.594, 232.355



0, 0.000, 0.000



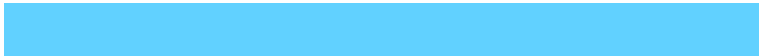
53, 0.007, 296.813

Same Dimension

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



65, 26.442, 237.496



79, 37.123, 240.313



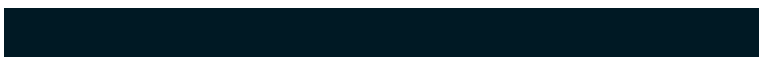
51, 46.630, 288.239



40, 3.326, 231.589



46, 34.601, 254.484



7, 11.334, 243.707

Inverse Universe

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



55, 53.483, 338.060



65, 76.278, 339.173



72, 43.580, 93.118



39, 6.008, 334.647



36, 66.473, 344.251



4, 20.669, 340.214

Previews

White Background



This preview shows how the CIELCh color 65, 26.443, 237.497 looks on a white background.

Color Contrast Check

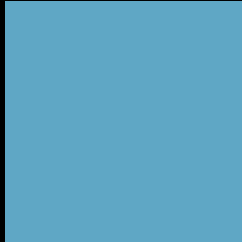
Large Text (above 18pt) WCAG AA × Fail

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, 26.443, 237.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

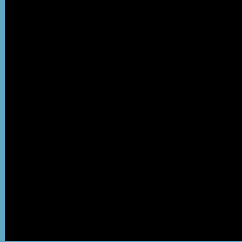
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.443, 237.497

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.443, 237.497.



This preview shows how white text looks on a background with the CIELCh color 65, 26.443, 237.497.

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, 25.121, 215.777

Trichromacy



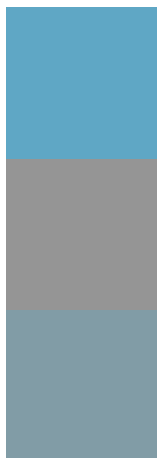
Original Color
65, 26.443, 237.497

Protanomaly
64, 20.376, 264.030

Deuteranomaly
65, 23.784, 269.255

Tritanomaly
65, 25.128, 224.249

Monochromacy



Original Color
65, 26.443, 237.497

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 10.966, 229.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.443, 237.497 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(95, 167, 197)` looks like.

```
.text, #text, p{  
    color:rgb(95, 167, 197)  
}
```

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(95, 167, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 167, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.443, 237.497 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(95, 167, 197) }
```

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

```
.border{ border-color:rgb(95, 167, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 167, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 167, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 167, 197);  
box-shadow:4px 4px 4px 4px rgb(95, 167,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.443, 237.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 167, 197) }
```

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

```
.background{ background-color: rgb(95, 167,  
197) }
```

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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