

Converting Colors

CIELCh(65, 26.718, 251.446)

Have a look what the booklet for
CIELCh(65, 26.718, 251.446)
contains.

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Color

CIELCh(65, 26.571, 251.698)

Conversions

Conversions Part 1

Format	Color
Hex	6BA4CA
RGB	107, 164, 202
RGB Percent	42%, 64%, 79%
CMY	0.5795, 0.3560, 0.2069
CMYK	0.47, 0.19, 0.00, 0.21
HSL	204°, 47%, 61%
HSV	204°, 47%, 79%
XYZ	30.0957, 34.0472, 61.0085
YIQ	151.2890, -46.1700, -0.2660

Conversions

Conversions Part 2

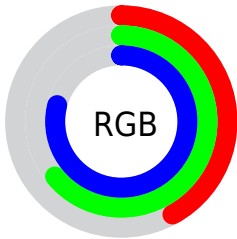
Format	Color
RYB	107, 143, 202
Decimal	7054538
CIELab	65.00, -8.34, -25.23
CIELCh	65, 26.571, 251.698
Yxy	34.0472, 0.2405, 0.2720
Android (android.graphics.Color)	4285244618 (0xFF6BA4CA)
YUV	151.2890, 25.0005, -38.8415
Hunter-Lab	58.3500, -10.0459, -21.1464

Details

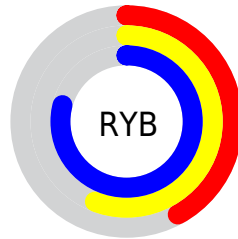
The CIELCh color `65, 26.571, 251.698` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `65, 33.309, 59.333`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 25.050, 248.151`, and `45, 26.772, 252.301` is the 20% darker color. If you saturate the color by 10%, you get `62, 31.441, 254.488`, and if you desaturate by 10%, it is `68, 21.381, 249.397`.

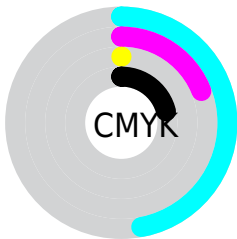
Distribution



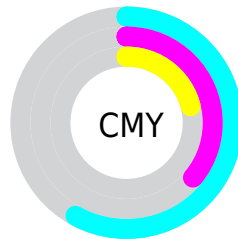
- Red (42%)
- Green (64%)
- Blue (79%)



- Red (42%)
- Yellow (56%)
- Blue (79%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (21%)




- Cyan (58%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.571, 251.698 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, 26.571, 251.698 by changing the saturation by 10% instead.


 65, 26.571,
251.698


 65, 26.571,
251.698


 100, 26.571,
251.698


 55, 26.571,
251.698


 85, 26.571,
251.698

 45, 26.571,
251.698

 95, 26.571,
251.698

 35, 26.571,
251.698

 25, 26.571,
251.698

 15, 26.571,
251.698

 5, 26.571, 251.698

 0, 26.571, 251.698

65, 26.571,
251.698

65, 26.571,
251.698

62, 31.441,
254.488

68, 21.381,
249.397

59, 35.995,
257.839

72, 15.901,
247.514

56, 40.275,
261.786

75, 10.171,
245.979

53, 44.379,
266.302

79, 4.239, 244.765

50, 48.456,
271.240

83, 1.851, 63.363

86, 8.057, 62.672

50, 49.733,
272.697

90, 14.344, 61.962

92, 16.977, 73.502

94, 19.086, 87.904

Harmonies

Complementary

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



65, 26.571, 251.698



65, 33.309, 59.333

Rectangle

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



65, 26.571, 251.698



65, 26.571, 301.698



65, 26.571, 71.698



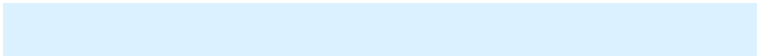
65, 26.571, 121.698

Sweetspot

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



65, 26.570, 251.697



94, 10.167, 245.607



75, 45.571, 154.048



49, 6.997, 245.897



0, 0.000, 0.000



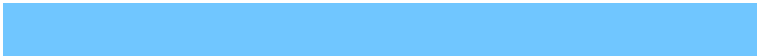
53, 0.007, 296.813

Same Dimension

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



65, 26.570, 251.697



77, 37.322, 254.423



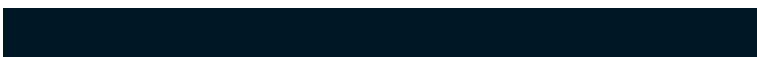
52, 49.560, 292.921



41, 3.460, 245.025



41, 42.411, 271.913



7, 13.359, 260.159

Inverse Universe

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



58, 46.778, 342.859



67, 65.919, 344.071



77, 44.791, 100.808



40, 5.690, 339.305



36, 63.391, 352.628



4, 21.116, 347.145

Previews

White Background



This preview shows how the CIE LCh color 65, 26.571, 251.698 looks on a white background.

Color Contrast Check

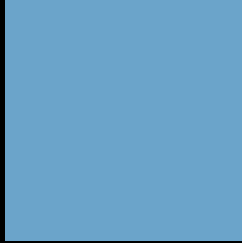
Large Text (above 18pt) WCAG AA × Fail

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, 26.571, 251.698 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

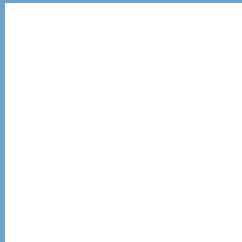
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 26.571, 251.698

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.571, 251.698.

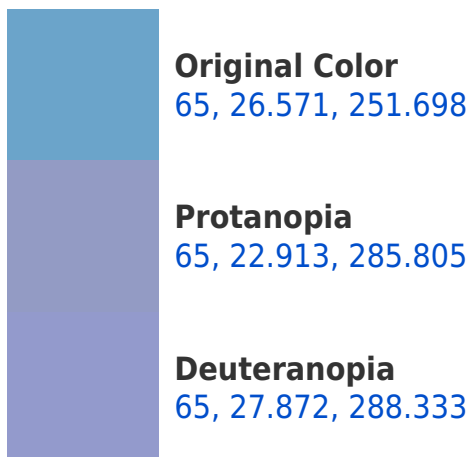


This preview shows how white text looks on a background with the CIELCh color 65, 26.571, 251.698.

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](#).

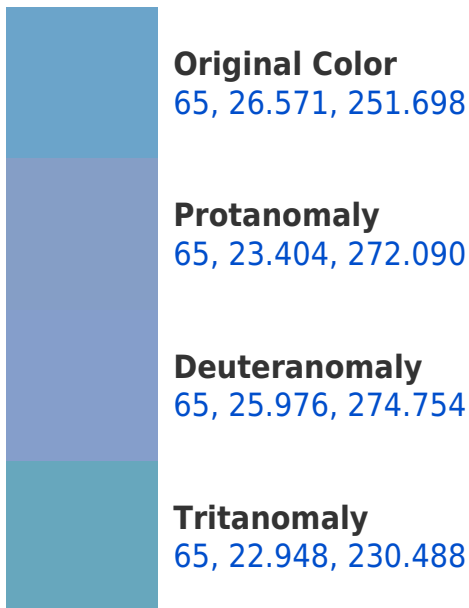
Dichromacy



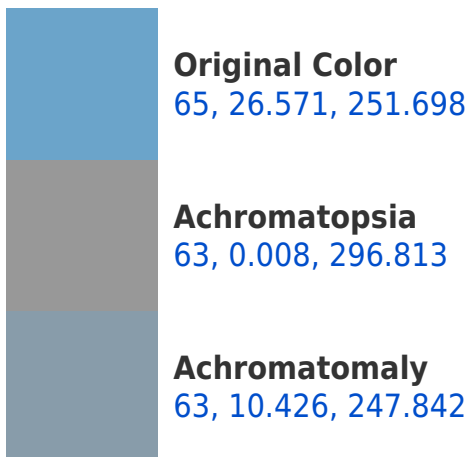


Tritanopia
65, 22.260, 216.877

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.571, 251.698 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(107, 164, 202)` looks like.

```
.text, #text, p{  
    color:rgb(107, 164, 202)  
}
```

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(107, 164, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 164, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.571, 251.698 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(107, 164, 202) }
```

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

```
.border{ border-color:rgb(107, 164, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 164, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 164, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 164, 202);  
box-shadow:4px 4px 4px 4px rgb(107, 164,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.571, 251.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 164, 202) }
```

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

```
.background{ background-color: rgb(107,  
164, 202) }
```

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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