

Converting Colors

CIELCh(65, 27.374, 265.786)

Have a look what the booklet for
CIELCh(65, 27.374, 265.786)
contains.

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Color

CIELCh(65, 27.374, 265.786)

Conversions

Conversions Part 1

Format	Color
Hex	79A1CE
RGB	121, 161, 206
RGB Percent	47%, 63%, 81%
CMY	0.5252, 0.3683, 0.1918
CMYK	0.41, 0.22, 0.00, 0.19
HSL	212°, 46%, 64%
HSV	212°, 41%, 81%
XYZ	31.8047, 34.0472, 63.3388
YIQ	154.1700, -38.2850, 5.5150

Conversions

Conversions Part 2

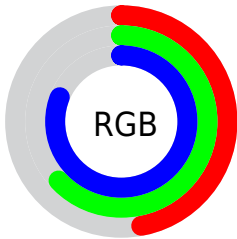
Format	Color
R_{YB}	121, 148, 206
Decimal	7971278
CIE _{Lab}	65.00, -2.01, -27.30
CIE _{LCh}	65, 27.374, 265.786
Yxy	34.0472, 0.2462, 0.2635
Android (android.graphics.Color)	4286161358 (0xFF79A1CE)
YUV	154.1700, 25.5522, -29.0901
Hunter-Lab	58.3500, -4.8177, -23.5142

Details

The CIELCh color `65, 27.374, 265.786` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `71, 30.125, 73.235`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 23.647, 259.688`, and `45, 27.449, 265.604` is the 20% darker color. If you saturate the color by 10%, you get `61, 33.847, 268.427`, and if you desaturate by 10%, it is `69, 20.827, 263.550`.

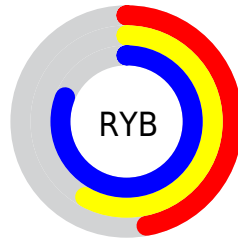
Distribution



Red (47%)

Green (63%)

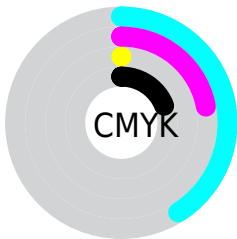
Blue (81%)



Red (47%)

Yellow (58%)

Blue (81%)

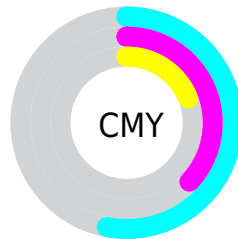


Cyan (41%)

Magenta (22%)

Yellow (0%)

Black (19%)



Cyan (53%)

Magenta (37%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 27.374, 265.786 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, 27.374, 265.786 by changing the saturation by 10% instead.

■ 65, 27.374,
265.786

■ 65, 27.374,
265.786

■ 100, 27.374,
265.786

■ 55, 27.374,
265.786

■ 85, 27.374,
265.786

■ 45, 27.374,
265.786

■ 95, 27.374,
265.786

■ 35, 27.374,
265.786

■ 25, 27.374,
265.786

■ 15, 27.374,
265.786

■ 5, 27.374, 265.786

■ 0, 27.374, 265.786

65, 27.374,
265.786

65, 27.374,
265.786

61, 33.847,
268.427

69, 20.827,
263.550

57, 40.265,
271.523

74, 14.212,
261.668

53, 46.669,
275.088

78, 7.544, 260.093

49, 53.132,
279.084

82, 0.843, 259.109

87, 5.870, 77.474

46, 59.736,
283.394

91, 12.577, 76.512

43, 65.698,
287.172

95, 17.374, 86.560

97, 21.600,
101.900

99, 24.694,
108.305

Harmonies

Complementary

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



65, 27.374, 265.786



71, 30.125, 73.235

Rectangle

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



65, 27.374, 265.786



65, 27.374, 315.786



65, 27.374, 85.786



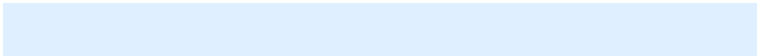
65, 27.374, 135.786

Sweetspot

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



65, 27.373, 265.785



94, 9.568, 260.223



77, 37.193, 160.424



49, 6.344, 260.418



0, 0.000, 0.000



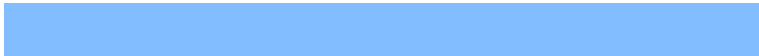
53, 0.007, 296.813

Same Dimension

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



65, 27.373, 265.785



75, 38.502, 267.964



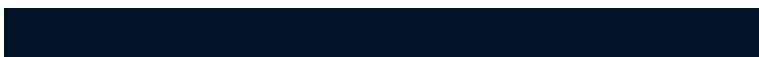
54, 48.921, 296.241



41, 3.776, 259.834



34, 54.994, 286.446



5, 15.703, 273.663

Inverse Universe

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



61, 38.951, 349.563



70, 54.605, 350.794



81, 43.940, 106.994



40, 5.209, 346.024



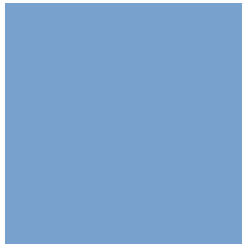
35, 61.205, 4.410



4, 19.640, 355.350

Previews

White Background



This preview shows how the CIE LCh color 65, 27.374, 265.786 looks on a white background.

Color Contrast Check

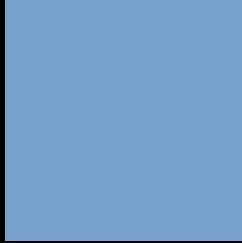
Large Text (above 18pt) WCAG AA × Fail

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, 27.374, 265.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

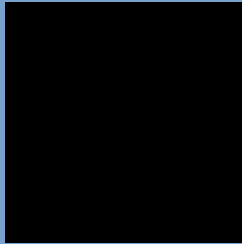
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

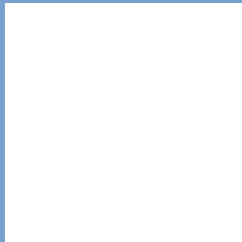
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 27.374, 265.786

Background



This preview shows how black text looks on a background with the CIELCh color 65, 27.374, 265.786.

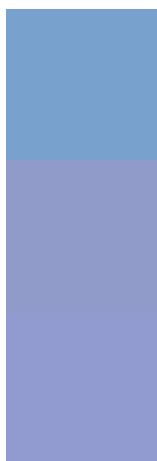


This preview shows how white text looks on a background with the CIELCh color 65, 27.374, 265.786.

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, 27.374, 265.786

Protanopia

65, 26.269, 285.687

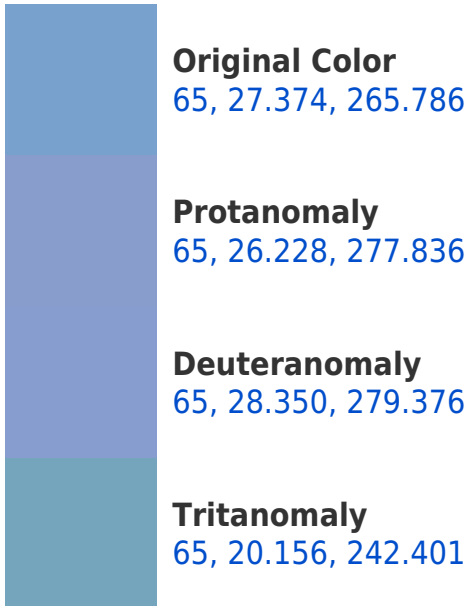
Deuteranopia

65, 29.009, 286.741

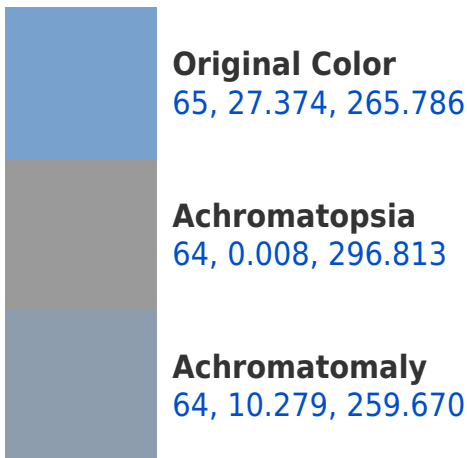


Tritanopia
65, 18.440, 221.347

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 27.374, 265.786 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(121, 161, 206)` looks like.

```
.text, #text, p{  
    color:rgb(121, 161, 206)  
}
```

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(121, 161, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 161, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 27.374, 265.786 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(121, 161, 206) }
```

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

```
.border{ border-color:rgb(121, 161, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 161, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 161, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 161, 206);  
box-shadow:4px 4px 4px 4px rgb(121, 161,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 27.374, 265.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 161, 206) }
```

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

```
.background{ background-color: rgb(121,  
161, 206) }
```

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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