

Converting Colors

CIELCh(65, 27.872, 265.485)

Have a look what the booklet for
CIELCh(65, 27.872, 265.485)
contains.

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Color

CIELCh(65, 27.960, 265.906)

Conversions

Conversions Part 1

Format	Color
Hex	78A1CF
RGB	120, 161, 207
RGB Percent	47%, 63%, 81%
CMY	0.5289, 0.3681, 0.1877
CMYK	0.42, 0.22, 0.00, 0.19
HSL	212°, 48%, 64%
HSV	212°, 42%, 81%
XYZ	31.8089, 34.0472, 64.0111
YIQ	153.9850, -39.2020, 5.6140

Conversions

Conversions Part 2

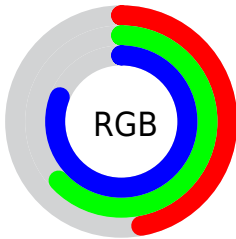
Format	Color
R _Y B	120, 148, 207
Decimal	7905743
CIE Lab	65.00, -2.00, -27.89
CIE LCh	65, 27.960, 265.906
Yxy	34.0472, 0.2449, 0.2622
Android (android.graphics.Color)	4286095823 (0xFF78A1CF)
YUV	153.9850, 26.1364, -29.8048
Hunter-Lab	58.3500, -4.8048, -24.1974

Details

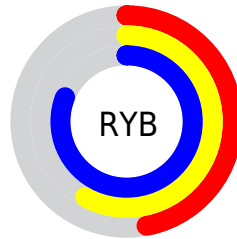
The CIELCh color `65, 27.960, 265.906` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `71, 30.844, 73.068`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 23.793, 259.071`, and `45, 27.547, 265.146` is the 20% darker color. If you saturate the color by 10%, you get `61, 34.447, 268.582`, and if you desaturate by 10%, it is `69, 21.398, 263.640`.

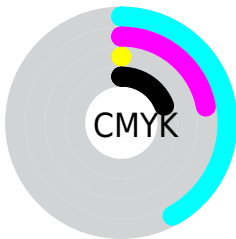
Distribution



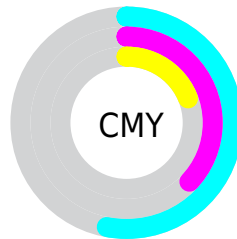
- Red (47%)
- Green (63%)
- Blue (81%)



- Red (47%)
- Yellow (58%)
- Blue (81%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 27.960, 265.906 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, 27.960, 265.906 by changing the saturation by 10% instead.

■ 65, 27.960,
265.906

■ 65, 27.960,
265.906

■ 100, 27.960,
265.906

■ 55, 27.960,
265.906

■ 85, 27.960,
265.906

■ 45, 27.960,
265.906

■ 95, 27.960,
265.906

■ 35, 27.960,
265.906

■ 25, 27.960,
265.906

■ 15, 27.960,
265.906

■ 5, 27.960, 265.906

■ 0, 27.960, 265.906

65, 27.960,
265.906

65, 27.960,
265.906

61, 34.447,
268.582

69, 21.398,
263.640

57, 40.879,
271.716

74, 14.766,
261.733

53, 47.301,
275.319

78, 8.079, 260.135

49, 53.787,
279.349

82, 1.356, 258.980

87, 5.382, 77.482

46, 60.420,
283.680

91, 12.114, 76.514

43, 65.887,
287.129

95, 16.981, 86.555

97, 21.243,
102.220

99, 24.167,
108.345

Harmonies

Complementary

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



65, 27.960, 265.906



71, 30.844, 73.068

Rectangle

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



65, 27.960, 265.906



65, 27.960, 315.906



65, 27.960, 85.906



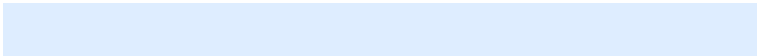
65, 27.960, 135.906

Sweetspot

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



65, 27.959, 265.905



93, 10.356, 260.304



77, 37.989, 160.326



49, 7.242, 260.643



0, 0.000, 0.000



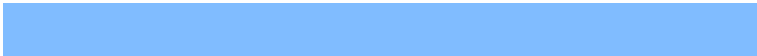
53, 0.007, 296.813

Same Dimension

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



65, 27.959, 265.905



75, 39.235, 268.181



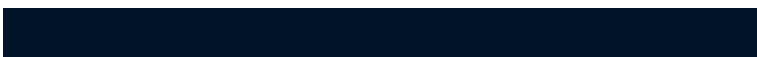
54, 50.107, 296.378



42, 3.852, 259.770



35, 55.615, 286.444



6, 16.832, 274.559

Inverse Universe

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



61, 39.829, 349.629



70, 55.658, 350.914



81, 44.890, 106.926



41, 5.319, 345.989



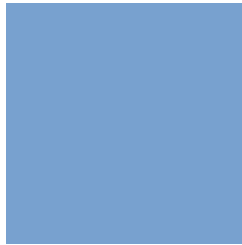
36, 61.899, 4.408



5, 21.539, 355.784

Previews

White Background



This preview shows how the CIELCh color 65, 27.960, 265.906 looks on a white background.

Color Contrast Check

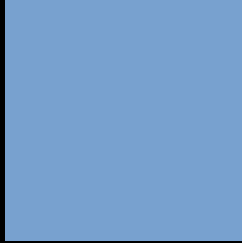
Large Text (above 18pt) WCAG AA × Fail

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, 27.960, 265.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

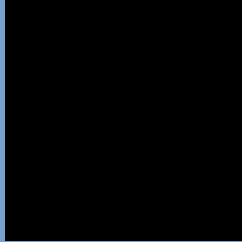
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

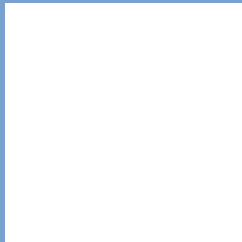
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 27.960, 265.906

Background



This preview shows how black text looks on a background with the CIELCh color 65, 27.960, 265.906.



This preview shows how white text looks on a background with the CIELCh color 65, 27.960, 265.906.

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, 27.960, 265.906

Protanopia
65, 26.817, 285.911

Deuteranopia
65, 30.132, 286.526



Tritanopia
65, 18.704, 220.982

Trichromacy



Original Color
65, 27.960, 265.906

Protanomaly
65, 27.287, 278.632

Deuteranomaly
65, 28.943, 279.143

Tritanomaly
65, 20.361, 241.835

Monochromacy



Original Color
65, 27.960, 265.906

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.279, 259.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 27.960, 265.906 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(120, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(120, 161, 207)  
}
```

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(120, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 161, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 27.960, 265.906 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(120, 161, 207) }
```

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

```
.border{ border-color:rgb(120, 161, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 161, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 161, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 161, 207);  
box-shadow:4px 4px 4px 4px rgb(120, 161,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 27.960, 265.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 161, 207) }
```

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

```
.background{ background-color: rgb(120,  
161, 207) }
```

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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