

Converting Colors

CIELCh(65, 21.756, 280.865)

Have a look what the booklet for
CIELCh(65, 21.756, 280.865)
contains.

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Color

CIELCh(65, 21.986, 280.990)

Conversions

Conversions Part 1

Format	Color
Hex	909DC4
RGB	144, 157, 196
RGB Percent	56%, 62%, 77%
CMY	0.4351, 0.3841, 0.2312
CMYK	0.27, 0.20, 0.00, 0.23
HSL	225°, 31%, 67%
HSV	225°, 27%, 77%
XYZ	33.5403, 34.0472, 57.0521
YIQ	157.5590, -20.2670, 9.3730

Conversions

Conversions Part 2

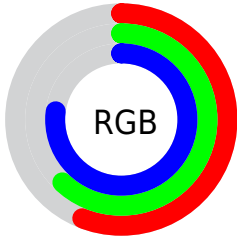
Format	Color
RYB	144, 154, 196
Decimal	9477572
CIELab	65.00, 4.19, -21.58
CIElCh	65, 21.986, 280.990
Yxy	34.0472, 0.2691, 0.2732
Android (android.graphics.Color)	4287667652 (0xFF909DC4)
YUV	157.5590, 18.9514, -11.8912
Hunter-Lab	58.3500, 0.4917, -17.1263

Details

The CIELCh color `65, 21.986, 280.990` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `75, 21.589, 94.029`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 22.348, 281.930`, and `45, 21.831, 280.450` is the 20% darker color. If you saturate the color by 10%, you get `60, 30.674, 282.849`, and if you desaturate by 10%, it is `70, 13.527, 279.398`.

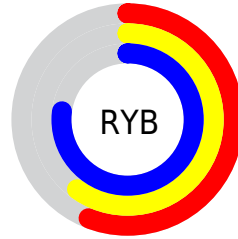
Distribution



Red (56%)

Green (62%)

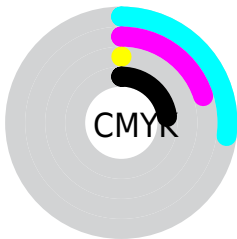
Blue (77%)



Red (56%)

Yellow (60%)

Blue (77%)

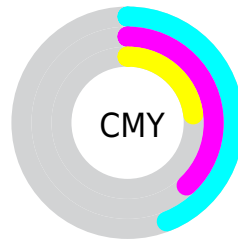


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (44%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 21.986, 280.990 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, 21.986, 280.990 by changing the saturation by 10% instead.

■ 65, 21.986,
280.990

■ 65, 21.986,
280.990

■ 100, 21.986,
280.990

■ 55, 21.986,
280.990

■ 85, 21.986,
280.990

■ 45, 21.986,
280.990

■ 95, 21.986,
280.990

■ 35, 21.986,
280.990

■ 25, 21.986,
280.990

■ 15, 21.986,
280.990

■ 5, 21.986, 280.990

■ 0, 21.986, 280.990

65, 21.986,
280.990

65, 21.986,
280.990

60, 30.674,
282.849

70, 13.527,
279.398

54, 39.618,
285.017

76, 5.281, 278.052

81, 2.766, 96.774

49, 48.847,
287.516

86, 10.622, 95.806

44, 58.380,
290.343

92, 18.296, 94.928

39, 68.184,
293.437

96, 25.283, 99.791

99, 29.708,
107.919

35, 78.091,
296.658

31, 87.686,
299.772

30, 90.850,

Harmonies

Complementary

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



65, 21.986, 280.990



75, 21.589, 94.029

Rectangle

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



65, 21.986, 280.990



65, 21.986, 330.990



65, 21.986, 100.990



65, 21.986, 150.990

Sweetspot

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



65, 21.985, 280.988



95, 8.029, 278.250



75, 19.930, 175.776



50, 5.715, 278.446



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, 21.985, 280.988



79, 33.091, 282.066



63, 29.572, 301.271



38, 4.559, 278.408



24, 77.283, 300.281



3, 16.122, 283.281

Inverse Universe

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



65, 21.628, 2.373



79, 32.636, 3.222



77, 27.954, 117.567



38, 4.415, 0.339



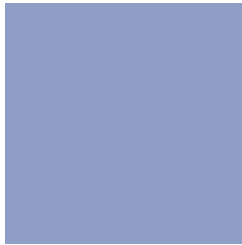
33, 63.468, 24.809



3, 14.437, 6.020

Previews

White Background



This preview shows how the CIELCh color 65, 21.986, 280.990 looks on a white background.

Color Contrast Check

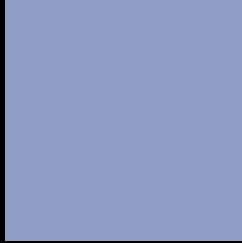
Large Text (above 18pt) WCAG AA × Fail

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, 21.986, 280.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

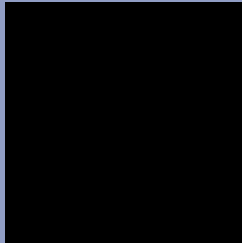
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 21.986, 280.990

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.986, 280.990.



This preview shows how white text looks on a background with the CIELCh color 65, 21.986, 280.990.

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, 21.986, 280.990

Protanopia

65, 21.789, 285.291

Deuteranopia

65, 23.940, 291.857



Tritanopia
65, 10.235, 244.054

Trichromacy



Original Color
65, 21.986, 280.990

Protanomaly
65, 21.825, 284.422

Deuteranomaly
65, 23.392, 288.470

Tritanomaly
65, 13.714, 262.601

Monochromacy



Original Color
65, 21.986, 280.990

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.957, 277.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.986, 280.990 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(144, 157, 196)` looks like.

```
.text, #text, p{  
    color:rgb(144, 157, 196)  
}
```

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(144, 157, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 157, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.986, 280.990 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(144, 157, 196) }
```

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

```
.border{ border-color:rgb(144, 157, 196) }
```

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

Here you see how a box with a 4 pixel rgb(144, 157, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 157, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 157, 196);  
box-shadow:4px 4px 4px 4px rgb(144, 157,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.986, 280.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 157, 196) }
```

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

```
.background{ background-color: rgb(144,  
157, 196) }
```

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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