

Converting Colors

CIELCh(65, 24.728, 287.793)

Have a look what the booklet for
CIELCh(65, 24.728, 287.793)
contains.

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Color

CIELCh(65, 25.066, 288.189)

Conversions

Conversions Part 1

Format	Color
Hex	959BC8
RGB	149, 155, 200
RGB Percent	58%, 61%, 78%
CMY	0.4153, 0.3918, 0.2153
CMYK	0.25, 0.22, 0.00, 0.22
HSL	233°, 32%, 68%
HSV	233°, 25%, 78%
XYZ	34.5856, 34.0472, 59.4530
YIQ	158.3360, -18.0210, 12.7230

Conversions

Conversions Part 2

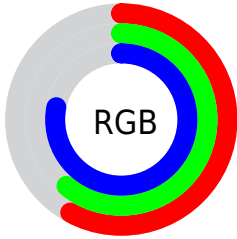
Format	Color
R_YB	149, 154, 200
Decimal	9804744
CIE Lab	65.00, 7.82, -23.81
CIE LCh	65, 25.066, 288.189
Yxy	34.0472, 0.2700, 0.2658
Android (android.graphics.Color)	4287994824 (0xFF959BC8)
YUV	158.3360, 20.5404, -8.1877
Hunter-Lab	58.3500, 3.6894, -19.5658

Details

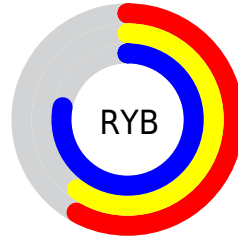
The CIELCh color $65, 25.066, 288.189$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 23.988, 102.199$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.250, 288.345$, and $45, 25.115, 288.159$ is the 20% darker color. If you saturate the color by 10%, you get $59, 35.550, 289.865$, and if you desaturate by 10%, it is $71, 14.964, 286.758$.

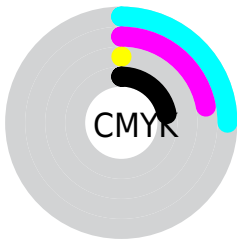
Distribution



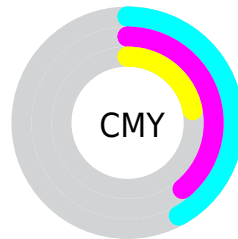
- Red (58%)
- Green (61%)
- Blue (78%)



- Red (58%)
- Yellow (60%)
- Blue (78%)



- Cyan (25%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 25.066, 288.189 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, 25.066, 288.189 by changing the saturation by 10% instead.

■ 65, 25.066,
288.189

■ 65, 25.066,
288.189

■ 100, 25.066,
288.189

■ 55, 25.066,
288.189

■ 85, 25.066,
288.189

■ 45, 25.066,
288.189

■ 95, 25.066,
288.189

■ 35, 25.066,
288.189

■ 25, 25.066,
288.189

■ 15, 25.066,
288.189

■ 5, 25.066, 288.189

■ 0, 25.066, 288.189

65, 25.066,
288.189

65, 25.066,
288.189

59, 35.550,
289.865

71, 14.964,
286.758

53, 46.450,
291.816

77, 5.218, 285.550

83, 4.201, 104.455

47, 57.770,
294.053

89, 13.317,
103.576

41, 69.444,
296.543

95, 22.148,
102.804

36, 81.214,
299.178

99, 27.685,
108.075

31, 92.439,
301.750

27, 101.962,
303.960

26, 105.369,

Harmonies

Complementary

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



65, 25.066, 288.189



78, 23.988, 102.199

Rectangle

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



65, 25.066, 288.189



65, 25.066, 338.189



65, 25.066, 108.189



65, 25.066, 158.189

Sweetspot

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



65, 25.065, 288.188



94, 9.296, 285.845



77, 18.107, 186.362



49, 6.623, 286.025



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, 25.065, 288.188



77, 37.523, 289.155



65, 29.251, 305.766



39, 5.397, 285.993



21, 89.730, 304.447



2, 19.739, 288.573

Inverse Universe

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



67, 20.510, 12.254



80, 30.882, 13.070



78, 27.953, 122.947



39, 4.322, 10.453



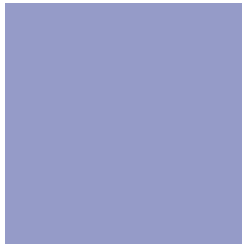
34, 69.888, 34.433



3, 15.997, 13.329

Previews

White Background



This preview shows how the CIELCh color 65, 25.066, 288.189 looks on a white background.

Color Contrast Check

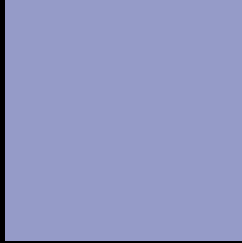
Large Text (above 18pt) WCAG AA × Fail

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, 25.066, 288.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

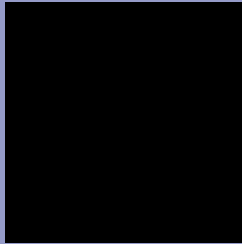
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 25.066, 288.189

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.066, 288.189.



This preview shows how white text looks on a background with the CIELCh color 65, 25.066, 288.189.

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, 25.066, 288.189

Protanopia

65, 25.144, 285.194

Deuteranopia

65, 25.035, 289.700



Tritanopia
65, 9.108, 251.819

Trichromacy



Original Color
65, 25.066, 288.189

Protanomaly
65, 25.112, 285.932

Deuteranomaly
65, 25.049, 288.943

Tritanomaly
65, 14.408, 274.683

Monochromacy



Original Color
65, 25.066, 288.189

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.915, 286.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.066, 288.189 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(149, 155, 200)` looks like.

```
.text, #text, p{  
    color:rgb(149, 155, 200)  
}
```

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(149, 155, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 155, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.066, 288.189 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(149, 155, 200) }
```

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

```
.border{ border-color:rgb(149, 155, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 155, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 155, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 155, 200);  
box-shadow:4px 4px 4px 4px rgb(149, 155,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.066, 288.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 155, 200) }
```

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

```
.background{ background-color: rgb(149,  
155, 200) }
```

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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