

Converting Colors

CIELCh(65, 25.688, 289.107)

Have a look what the booklet for
CIELCh(65, 25.688, 289.107)
contains.

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Color

CIELCh(65, 25.601, 289.091)

Conversions

Conversions Part 1

Format	Color
Hex	969BC9
RGB	150, 155, 201
RGB Percent	59%, 61%, 79%
CMY	0.4126, 0.3929, 0.2126
CMYK	0.25, 0.23, 0.00, 0.21
HSL	234°, 32%, 69%
HSV	234°, 25%, 79%
XYZ	34.7454, 34.0472, 59.8680
YIQ	158.7490, -17.7460, 13.2460

Conversions

Conversions Part 2

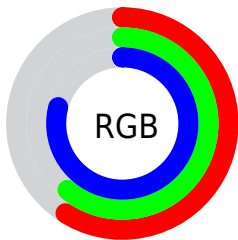
Format	Color
R_{YB}	150, 155, 201
Decimal	9870281
CIE _{Lab}	65.00, 8.37, -24.19
CIE _{LCh}	65, 25.601, 289.091
Yxy	34.0472, 0.2701, 0.2646
Android (android.graphics.Color)	4288060361 (0xFF969BC9)
YUV	158.7490, 20.8297, -7.6729
Hunter-Lab	58.3500, 4.1782, -19.9875

Details

The CIELCh color $65, 25.601, 289.091$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 24.429, 103.219$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.236, 289.112$, and $45, 25.682, 289.118$ is the 20% darker color. If you saturate the color by 10%, you get $59, 36.367, 290.744$, and if you desaturate by 10%, it is $71, 15.239, 287.680$.

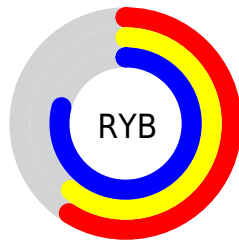
Distribution



Red (59%)

Green (61%)

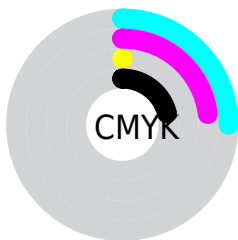
Blue (79%)



Red (59%)

Yellow (61%)

Blue (79%)

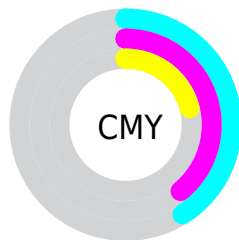


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (41%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 25.601, 289.091 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, 25.601, 289.091 by changing the saturation by 10% instead.

■ 65, 25.601,
289.091

■ 65, 25.601,
289.091

■ 100, 25.601,
289.091

■ 55, 25.601,
289.091

■ 85, 25.601,
289.091

■ 45, 25.601,
289.091

■ 95, 25.601,
289.091

■ 35, 25.601,
289.091

■ 25, 25.601,
289.091

■ 15, 25.601,
289.091

■ 5, 25.601, 289.091

■ 0, 25.601, 289.091

65, 25.601,
289.091

65, 25.601,
289.091

59, 36.367,
290.744

71, 15.239,
287.680

53, 47.569,
292.668

78, 5.252, 286.490

84, 4.388, 105.417

46, 59.205,
294.870

90, 13.708,
104.552

41, 71.184,
297.312

96, 22.728,
103.796

35, 83.192,
299.877

99, 27.341,
108.101

30, 94.485,
302.341

27, 103.768,
304.394

26, 107.005,

Harmonies

Complementary

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



65, 25.601, 289.091



78, 24.429, 103.219

Rectangle

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



65, 25.601, 289.091



65, 25.601, 339.091



65, 25.601, 109.091



65, 25.601, 159.091

Sweetspot

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



65, 25.600, 289.090



94, 9.495, 286.791



77, 17.842, 189.213



49, 6.765, 286.968



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, 25.600, 289.090



77, 37.066, 289.889



65, 29.352, 306.898



39, 5.512, 286.938



20, 90.966, 304.837



2, 20.028, 289.138

Inverse Universe

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



67, 20.460, 13.756



80, 29.787, 14.426



78, 28.123, 124.226



39, 4.307, 12.005



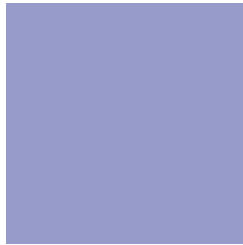
34, 70.739, 35.508



3, 15.966, 14.329

Previews

White Background



This preview shows how the CIELCh color 65, 25.601, 289.091 looks on a white background.

Color Contrast Check

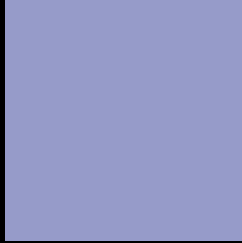
Large Text (above 18pt) WCAG AA × Fail

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, 25.601, 289.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

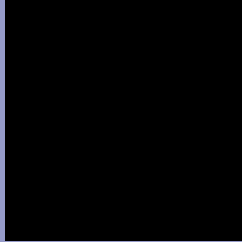
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 25.601, 289.091

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.601, 289.091.



This preview shows how white text looks on a background with the CIELCh color 65, 25.601, 289.091.

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, 25.601, 289.091

Protanopia

65, 25.692, 285.434

Deuteranopia

65, 25.601, 289.091



Tritanopia
65, 9.108, 251.819

Trichromacy



Original Color
65, 25.601, 289.091

Protanomaly
65, 25.660, 286.153

Deuteranomaly
65, 25.601, 289.091

Tritanomaly
65, 14.408, 274.683

Monochromacy



Original Color
65, 25.601, 289.091

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 9.454, 288.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.601, 289.091 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(150, 155, 201)` looks like.

```
.text, #text, p{  
    color:rgb(150, 155, 201)  
}
```

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(150, 155, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 155, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.601, 289.091 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(150, 155, 201) }
```

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

```
.border{ border-color:rgb(150, 155, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 155, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 155, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 155, 201);  
box-shadow:4px 4px 4px 4px rgb(150, 155,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.601, 289.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 155, 201) }
```

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

```
.background{ background-color: rgb(150,  
155, 201) }
```

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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