

Converting Colors

CIELCh(65, 26.096, 291.710)

Have a look what the booklet for
CIELCh(65, 26.096, 291.710)
contains.

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Color

CIELCh(65, 26.157, 291.423)

Conversions

Conversions Part 1

Format	Color
Hex	989AC9
RGB	152, 154, 201
RGB Percent	60%, 60%, 79%
CMY	0.4036, 0.3957, 0.2114
CMYK	0.24, 0.23, 0.00, 0.21
HSL	238°, 31%, 69%
HSV	238°, 24%, 79%
XYZ	35.0908, 34.0472, 60.0401
YIQ	158.7600, -16.2790, 14.1930

Conversions

Conversions Part 2

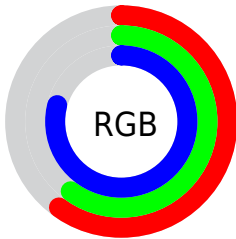
Format	Color
R _Y B	152, 154, 201
Decimal	10001097
CIE Lab	65.00, 9.55, -24.35
CIE LCh	65, 26.157, 291.423
Yxy	34.0472, 0.2716, 0.2636
Android (android.graphics.Color)	4288191177 (0xFF989AC9)
YUV	158.7600, 20.8243, -5.9285
Hunter-Lab	58.3500, 5.2347, -20.1624

Details

The CIELCh color $65, 26.157, 291.423$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 24.820, 106.067$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.767, 291.498$, and $45, 26.275, 291.523$ is the 20% darker color. If you saturate the color by 10%, you get $58, 37.652, 292.992$, and if you desaturate by 10%, it is $72, 15.122, 290.086$.

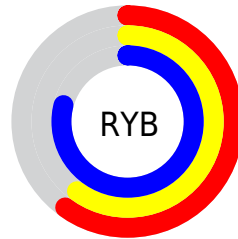
Distribution



Red (60%)

Green (60%)

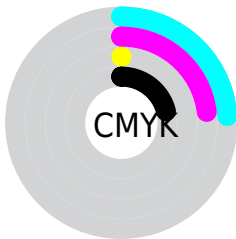
Blue (79%)



Red (60%)

Yellow (60%)

Blue (79%)

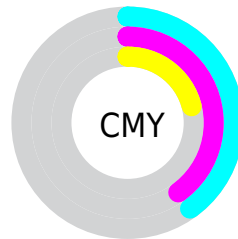


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (40%)


Magenta (40%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.157, 291.423 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, 26.157, 291.423 by changing the saturation by 10% instead.


 65, 26.157,
291.423


 65, 26.157,
291.423


 100, 26.157,
291.423


 55, 26.157,
291.423


 85, 26.157,
291.423

 45, 26.157,
291.423


 95, 26.157,
291.423

 35, 26.157,
291.423

 25, 26.157,
291.423

 15, 26.157,
291.423

 5, 26.157, 291.423

 0, 26.157, 291.423

65, 26.157,
291.423

65, 26.157,
291.423

58, 37.652,
292.992

72, 15.122,
290.086

52, 49.631,
294.819

78, 4.516, 288.961

85, 5.694, 107.961

45, 62.068,
296.902

91, 15.539,
107.145

39, 74.800,
299.189

98, 25.043,
106.439

34, 87.348,
301.537

99, 27.186,
108.113

29, 98.665,
303.685

26, 107.116,
305.303

25, 110.115,

305.846

Harmonies

Complementary

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



65, 26.157, 291.423



79, 24.820, 106.067

Rectangle

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



65, 26.157, 291.423



65, 26.157, 341.423



65, 26.157, 111.423



65, 26.157, 161.423

Sweetspot

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



65, 26.156, 291.422



94, 8.815, 289.246



78, 16.909, 193.680



50, 5.733, 289.313



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, 26.156, 291.422



77, 38.133, 292.182



66, 28.365, 308.537



38, 5.860, 289.498



19, 93.865, 305.717



1, 20.888, 290.706

Inverse Universe

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



67, 19.593, 18.094



81, 28.771, 18.705



78, 27.328, 126.144



39, 4.280, 16.618



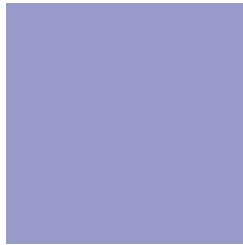
34, 73.016, 38.108



3, 15.903, 17.288

Previews

White Background



This preview shows how the CIELCh color 65, 26.157, 291.423 looks on a white background.

Color Contrast Check

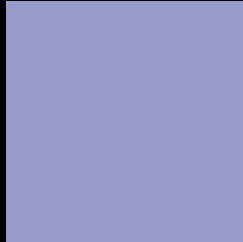
Large Text (above 18pt) WCAG AA × Fail

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, 26.157, 291.423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

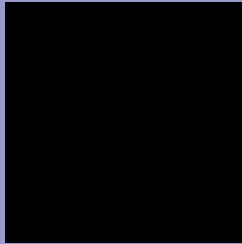
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.157, 291.423

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.157, 291.423.



This preview shows how white text looks on a background with the CIELCh color 65, 26.157, 291.423.

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, 26.157, 291.423

Protanopia

65, 25.692, 285.434

Deuteranopia

65, 25.601, 289.091



Tritanopia
65, 8.519, 257.488

Trichromacy



Original Color
65, 26.157, 291.423

Protanomaly
65, 26.188, 287.804

Deuteranomaly
65, 25.588, 289.830

Tritanomaly
65, 14.725, 279.305

Monochromacy



Original Color
65, 26.157, 291.423

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, 26.157, 291.423 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(152, 154, 201)` looks like.

```
.text, #text, p{  
    color:rgb(152, 154, 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(152, 154, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 154, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.157, 291.423 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(152, 154, 201) }
```

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

```
.border{ border-color:rgb(152, 154, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 154, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 154, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 154, 201);  
box-shadow:4px 4px 4px 4px rgb(152, 154,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.157, 291.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 154, 201) }
```

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

```
.background{ background-color: rgb(152,  
154, 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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