

Converting Colors

CIELCh(64, 26.138, 277.679)

Have a look what the booklet for
CIELCh(64, 26.138, 277.679)
contains.

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Color

CIELCh(64, 26.284, 277.898)

Conversions

Conversions Part 1	
Format	Color
Hex	869BC9
RGB	134, 155, 201
RGB Percent	53%, 61%, 79%
CMY	0.4739, 0.3915, 0.2111
CMYK	0.33, 0.23, 0.00, 0.21
HSL	221°, 38%, 66%
HSV	221°, 33%, 79%
XYZ	32.1669, 32.8017, 59.9970
YIQ	153.9650, -27.2820, 9.8540

Conversions

Conversions Part 2

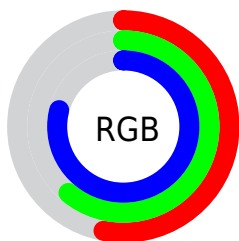
Format	Color
RYB	134, 150, 201
Decimal	8821705
CIELab	64.00, 3.61, -26.03
CIELCh	64, 26.284, 277.898
Yxy	32.8017, 0.2574, 0.2625
Android (android.graphics.Color)	4287011785 (0xFF869BC9)
YUV	153.9650, 23.1883, -17.5093
Hunter-Lab	57.2727, 0.0263, -22.0192

Details

The CIELCh color `64, 26.284, 277.898` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `74, 26.251, 88.438`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 24.904, 277.322`, and `44, 26.393, 278.161` is the 20% darker color. If you saturate the color by 10%, you get `59, 34.510, 280.058`, and if you desaturate by 10%, it is `69, 18.222, 276.049`.

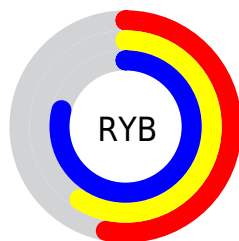
Distribution



Red (53%)

Green (61%)

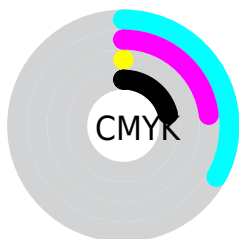
Blue (79%)



Red (53%)

Yellow (59%)

Blue (79%)

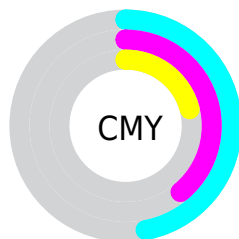


Cyan (33%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (47%)

Magenta (39%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 26.284, 277.898 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 64, 26.284, 277.898 by changing the saturation by 10% instead.

 64, 26.284,
277.898

 64, 26.284,
277.898

 100, 26.284,
277.898


 54, 26.284,
277.898


 84, 26.284,
277.898

 44, 26.284,
277.898

 94, 26.284,
277.898

 34, 26.284,
277.898

 24, 26.284,
277.898

 14, 26.284,
277.898

 4, 26.284, 277.898

 0, 26.284, 277.898

■ 64, 26.284,
277.898

■ 64, 26.284,
277.898

■ 59, 34.510,
280.058

■ 69, 18.222,
276.049

■ 54, 42.930,
282.568

■ 74, 10.313,
274.474

■ 49, 51.574,
285.443

■ 79, 2.547, 273.182

■ 44, 60.470,
288.659

■ 84, 5.080, 91.875

■ 90, 12.568, 90.887

■ 40, 69.600,
292.123

■ 95, 19.918, 90.007

■ 36, 78.821,
295.660

■ 98, 25.655,
105.559

■ 34, 84.903,
297.880

■ 99, 27.151,
108.116

Harmonies

Complementary

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



64, 26.284, 277.898



74, 26.251, 88.438

Rectangle

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



64, 26.284, 277.898



64, 26.284, 327.898



64, 26.284, 97.898



64, 26.284, 147.898

Sweetspot

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



64, 26.283, 277.897



94, 9.370, 274.027



76, 26.139, 171.487



49, 6.400, 274.225



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 26.283, 277.897



75, 38.533, 279.430



59, 38.282, 300.269



39, 4.340, 273.924



27, 71.557, 297.342



3, 16.946, 281.825

Inverse Universe

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



63, 28.642, 358.792



75, 41.950, 359.926



79, 35.461, 115.013



39, 4.648, 355.864



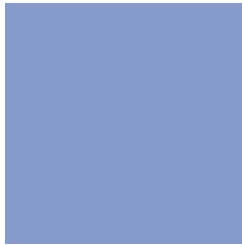
34, 62.236, 19.310



4, 16.576, 3.558

Previews

White Background



This preview shows how the CIE LCh color 64, 26.284, 277.898 looks on a white background.

Color Contrast Check

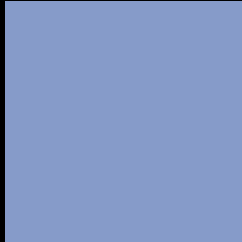
Large Text (above 18pt) WCAG AA × Fail

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 64, 26.284, 277.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

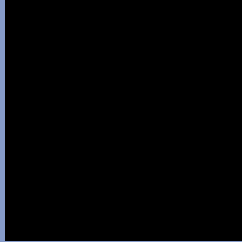
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

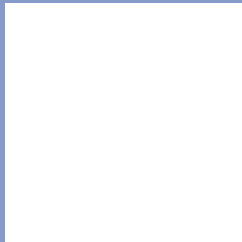
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 26.284, 277.898

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.284, 277.898.



This preview shows how white text looks on a background with the CIELCh color 64, 26.284, 277.898.

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

64, 26.284, 277.898

Protanopia

64, 26.329, 285.731

Deuteranopia

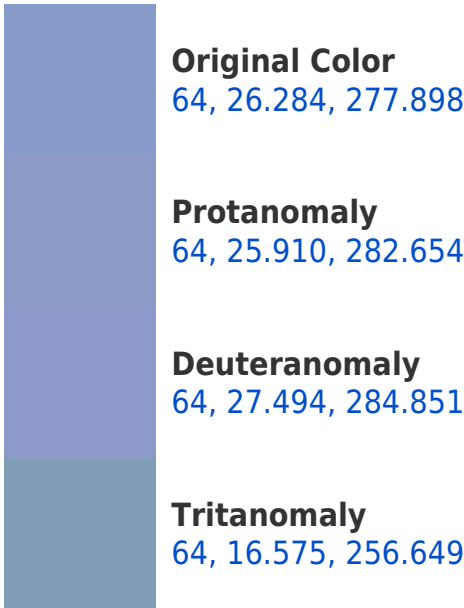
64, 27.936, 288.375



Tritanopia

64, 13.082, 232.459

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.284, 277.898 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(134, 155, 201)` looks like.

```
.text, #text, p{  
    color:rgb(134, 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(134, 155, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 155, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.284, 277.898 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(134, 155, 201) }
```

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

```
.border{ border-color:rgb(134, 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(134, 155, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 155, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 155, 201);  
box-shadow:4px 4px 4px 4px rgb(134, 155,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.284, 277.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 155, 201) }
```

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

```
.background{ background-color: rgb(134,  
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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