

Converting Colors

CIELCh(57, 22.458, 279.712)

Have a look what the booklet for
CIELCh(57, 22.458, 279.712)
contains.

CIELCh(57, 22.655, 279.884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 22.655, 279.884)

Conversions

Conversions Part 1

Format	Color
Hex	7988AF
RGB	121, 136, 175
RGB Percent	47%, 53%, 69%
CMY	0.5239, 0.4651, 0.3121
CMYK	0.31, 0.22, 0.00, 0.31
HSL	223°, 25%, 58%
HSV	223°, 31%, 69%
XYZ	24.5774, 24.9227, 44.2839
YIQ	135.9610, -21.4590, 8.9490

Conversions

Conversions Part 2

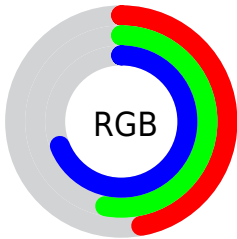
Format	Color
R_{YB}	121, 133, 175
Decimal	7964847
CIE Lab	57.00, 3.89, -22.32
CIE LCh	57, 22.655, 279.884
Yxy	24.9227, 0.2621, 0.2657
Android (android.graphics.Color)	4286154927 (0xFF7988AF)
YUV	135.9610, 19.2462, -13.1208
Hunter-Lab	49.9226, 0.5129, -17.6474

Details

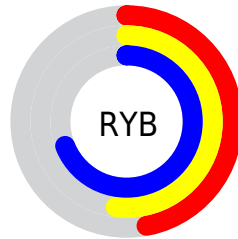
The CIELCh color `57, 22.655, 279.884` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `66, 22.361, 91.538`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `77, 22.957, 279.856`, and `37, 22.690, 279.915` is the 20% darker color. If you saturate the color by 10%, you get `52, 30.366, 281.884`, and if you desaturate by 10%, it is `62, 15.127, 278.169`.

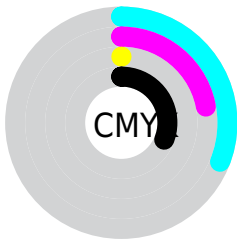
Distribution



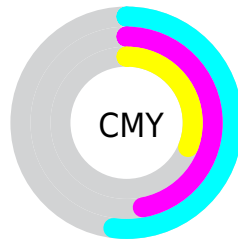
- Red (47%)
- Green (53%)
- Blue (69%)



- Red (47%)
- Yellow (52%)
- Blue (69%)



- Cyan (31%)
- Magenta (22%)
- Yellow (0%)
- Black (31%)



- Cyan (52%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 22.655, 279.884 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 57, 22.655, 279.884 by changing the saturation by 10% instead.

 57, 22.655,
279.884

 57, 22.655,
279.884

 100, 22.655,
279.884

 47, 22.655,
279.884

 77, 22.655,
279.884

 37, 22.655,
279.884

 87, 22.655,
279.884

 27, 22.655,
279.884

 97, 22.655,
279.884

 17, 22.655,
279.884

 7, 22.655, 279.884

 0, 22.655, 279.884

■ 57, 22.655,
279.884

■ 57, 22.655,
279.884

■ 52, 30.366,
281.884

■ 62, 15.127,
278.169

■ 48, 38.287,
284.207

■ 66, 7.770, 276.707

■ 43, 46.443,
286.871

■ 71, 0.573, 275.739

■ 76, 6.472, 94.293

■ 39, 54.852,
289.861

■ 81, 13.368, 93.356

■ 34, 63.483,
293.099

■ 85, 20.119, 92.528

■ 90, 26.728, 91.798

■ 31, 72.184,
296.429

■ 94, 32.509, 95.640

■ 28, 79.981,
299.291

■ 97, 37.810,
104.562

Harmonies

Complementary

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



57, 22.655, 279.884



66, 22.361, 91.538

Rectangle

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



57, 22.655, 279.884



57, 22.655, 329.884



57, 22.655, 99.884



57, 22.655, 149.884

Sweetspot

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



57, 22.654, 279.883



85, 7.976, 276.491



68, 21.217, 174.136



45, 5.595, 276.680



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 22.654, 279.883



69, 33.831, 281.218



54, 31.556, 301.082



34, 4.031, 276.509



23, 70.554, 298.883



2, 8.931, 278.769

Inverse Universe

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



57, 23.303, 0.928



69, 34.826, 1.957



70, 29.508, 116.612



34, 4.076, 358.338



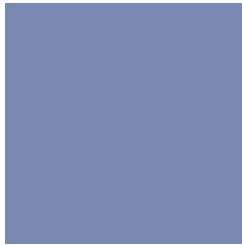
31, 59.472, 22.091



2, 8.247, 1.251

Previews

White Background



This preview shows how the CIELCh color 57, 22.655, 279.884 looks on a white background.

Color Contrast Check

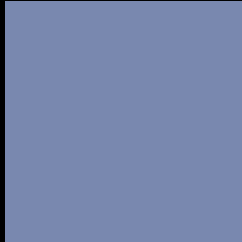
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 22.655, 279.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

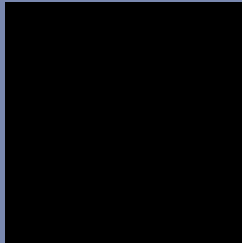
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

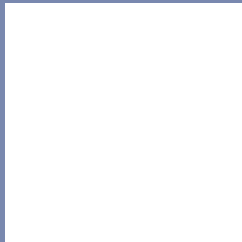
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 22.655, 279.884

Background



This preview shows how black text looks on a background with the CIELCh color 57, 22.655, 279.884.



This preview shows how white text looks on a background with the CIELCh color 57, 22.655, 279.884.

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


57, 22.655, 279.884

Protanopia

57, 22.353, 285.722

Deuteranopia

57, 24.004, 288.872



Tritanopia
57, 10.800, 234.416

Trichromacy



Original Color
57, 22.655, 279.884

Protanomaly
57, 22.441, 283.163

Deuteranomaly
57, 23.511, 285.425

Tritanomaly
57, 14.328, 260.669

Monochromacy



Original Color
57, 22.655, 279.884

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 8.173, 277.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 22.655, 279.884 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(121, 136, 175)` looks like.

```
.text, #text, p{  
    color:rgb(121, 136, 175)  
}
```

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(121, 136, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 136, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 22.655, 279.884 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(121, 136, 175) }
```

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

```
.border{ border-color:rgb(121, 136, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 136, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 136, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 136, 175);  
box-shadow:4px 4px 4px 4px rgb(121, 136,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 22.655, 279.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 136, 175) }
```

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

```
.background{ background-color: rgb(121,  
136, 175) }
```

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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