

Converting Colors

CIELCh(57, 17.586, 277.251)

Have a look what the booklet for
CIELCh(57, 17.586, 277.251)
contains.

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Color

CIELCh(57, 17.564, 277.226)

Conversions

Conversions Part 1

Format	Color
Hex	7C89A7
RGB	124, 137, 167
RGB Percent	49%, 54%, 65%
CMY	0.5141, 0.4632, 0.3455
CMYK	0.26, 0.18, 0.00, 0.35
HSL	222°, 20%, 57%
HSV	222°, 26%, 65%
XYZ	24.1907, 24.9227, 40.0393
YIQ	136.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

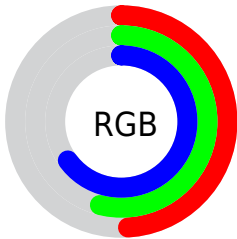
Format	Color
RYB	124, 134, 167
Decimal	8161703
CIELab	57.00, 2.21, -17.42
CIELCh	57, 17.564, 277.226
Yxy	24.9227, 0.2713, 0.2796
Android (android.graphics.Color)	4286351783 (0xFF7C89A7)
YUV	136.5330, 15.0202, -10.9914
Hunter-Lab	49.9226, -0.8698, -12.6064

Details

The CIELCh color `57, 17.564, 277.226` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `64, 17.501, 90.334`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `77, 17.622, 277.349`, and `37, 17.744, 277.762` is the 20% darker color. If you saturate the color by 10%, you get `53, 24.624, 279.095`, and if you desaturate by 10%, it is `61, 10.645, 275.624`.

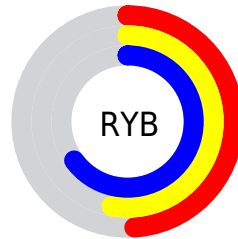
Distribution



Red (49%)

Green (54%)

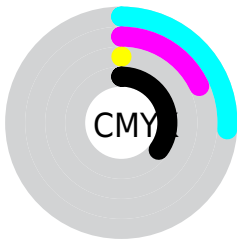
Blue (65%)



Red (49%)

Yellow (53%)

Blue (65%)

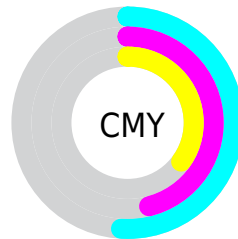


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (46%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 17.564, 277.226 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, 17.564, 277.226 by changing the saturation by 10% instead.


 57, 17.564,
277.226


 57, 17.564,
277.226


 100, 17.564,
277.226

 47, 17.564,
277.226


 77, 17.564,
277.226

 37, 17.564,
277.226

 87, 17.564,
277.226

 27, 17.564,
277.226

 97, 17.564,
277.226

 17, 17.564,
277.226

 7, 17.564, 277.226

 0, 17.564, 277.226

■ 57, 17.564,
277.226

■ 57, 17.564,
277.226

■ 53, 24.624,
279.095

■ 61, 10.645,
275.624

■ 48, 31.842,
281.275

■ 66, 3.859, 274.275

■ 44, 39.242,
283.796

■ 70, 2.797, 92.966

■ 40, 46.851,
286.666

■ 75, 9.329, 91.982

■ 36, 54.683,
289.851

■ 79, 15.736, 91.089

■ 32, 62.699,
293.247

■ 84, 22.020, 90.302

■ 88, 28.183, 89.604

■ 28, 70.738,
296.660

■ 92, 33.914, 90.519

■ 95, 38.260, 99.267

■ 27, 74.097,

297.972

Harmonies

Complementary

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



57, 17.564, 277.226



64, 17.501, 90.334

Rectangle

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



57, 17.564, 277.226



57, 17.564, 327.226



57, 17.564, 97.226



57, 17.564, 147.226

Sweetspot

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



57, 17.563, 277.224



82, 6.639, 274.571



65, 17.589, 172.367



43, 4.762, 274.762



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



57, 17.563, 277.224



70, 26.293, 278.274



54, 25.049, 299.452



33, 3.826, 274.720



24, 67.112, 297.620



2, 7.253, 276.540

Inverse Universe

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



56, 18.748, 358.480



69, 28.136, 359.255



67, 23.680, 115.565



33, 4.024, 356.599



31, 58.032, 19.796



2, 7.058, 358.770

Previews

White Background



This preview shows how the CIELCh color 57, 17.564, 277.226 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 CIE LCh color 57, 17.564, 277.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

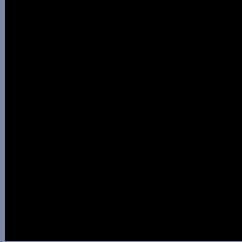
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

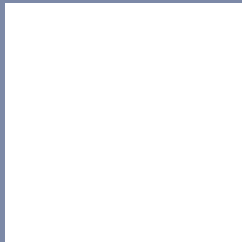
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 17.564, 277.226

Background



This preview shows how black text looks on a background with the CIELCh color 57, 17.564, 277.226.



This preview shows how white text looks on a background with the CIELCh color 57, 17.564, 277.226.

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, 17.564, 277.226

Protanopia

57, 17.749, 286.524

Deuteranopia

57, 19.427, 292.423



Tritanopia
57, 9.210, 242.043

Trichromacy



Original Color
57, 17.564, 277.226

Protanomaly
57, 17.275, 282.781

Deuteranomaly
57, 18.881, 287.029

Tritanomaly
57, 11.772, 260.166

Monochromacy



Original Color
57, 17.564, 277.226

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.433, 277.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 17.564, 277.226 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(124, 137, 167)` looks like.

```
.text, #text, p{  
    color:rgb(124, 137, 167)  
}
```

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(124, 137, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 137, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 17.564, 277.226 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(124, 137, 167) }
```

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

```
.border{ border-color:rgb(124, 137, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 137, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 137, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 137, 167);  
box-shadow:4px 4px 4px 4px rgb(124, 137,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 17.564, 277.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 137, 167) }
```

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

```
.background{ background-color: rgb(124,  
137, 167) }
```

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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