

Converting Colors

CIELCh(57, 10.859, 279.400)

Have a look what the booklet for
CIELCh(57, 10.859, 279.400)
contains.

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Color

CIELCh(57, 10.524, 277.270)

Conversions

Conversions Part 1

Format	Color
Hex	82899B
RGB	130, 137, 155
RGB Percent	51%, 54%, 61%
CMY	0.4910, 0.4635, 0.3930
CMYK	0.16, 0.12, 0.00, 0.39
HSL	223°, 11%, 56%
HSV	223°, 16%, 61%
XYZ	23.9903, 24.9227, 34.4645
YIQ	136.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

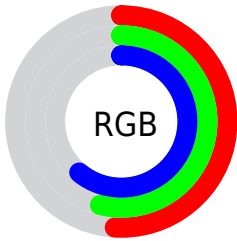
Format	Color
R_{YB}	130, 135, 155
Decimal	8554907
CIE _{Lab}	57.00, 1.33, -10.44
CIE _{LCh}	57, 10.524, 277.270
Yxy	24.9227, 0.2877, 0.2989
Android (android.graphics.Color)	4286744987 (0xFF82899B)
YUV	136.9590, 8.8942, -6.1030
Hunter-Lab	49.9226, -1.5864, -5.9855

Details

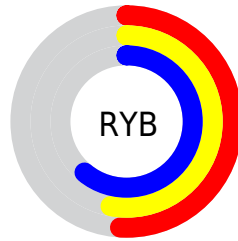
The CIELCh color $57, 10.524, 277.270$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 10.458, 93.216$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 10.446, 277.535$, and $37, 10.775, 277.372$ is the 20% darker color. If you saturate the color by 10%, you get $53, 17.222, 278.840$, and if you desaturate by 10%, it is $61, 3.968, 275.932$.

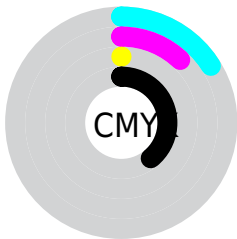
Distribution



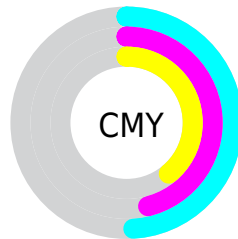
- Red (51%)
- Green (54%)
- Blue (61%)



- Red (51%)
- Yellow (53%)
- Blue (61%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (39%)





- Cyan (49%)
- Magenta (46%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 10.524, 277.270 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, 10.524, 277.270 by changing the saturation by 10% instead.


 57, 10.524,
277.270


 57, 10.524,
277.270


 100, 10.524,
277.270


 47, 10.524,
277.270


 77, 10.524,
277.270

 37, 10.524,
277.270

 87, 10.524,
277.270

 27, 10.524,
277.270

 97, 10.524,
277.270

 17, 10.524,
277.270

 7, 10.524, 277.270

 0, 10.524, 277.270

■ 57, 10.524,
277.270

■ 57, 10.524,
277.270

■ 53, 17.222,
278.840

■ 61, 3.968, 275.932

■ 48, 24.078,
280.679

■ 66, 2.450, 94.647

■ 44, 31.106,
282.818

■ 70, 8.734, 93.679

■ 40, 38.330,
285.286

■ 74, 14.889, 92.798

■ 36, 45.771,
288.088

■ 78, 20.916, 92.021

■ 32, 53.434,
291.185

■ 82, 26.819, 91.333

■ 28, 61.254,
294.467

■ 87, 32.601, 90.721

■ 25, 69.031,

■ 91, 38.263, 90.173

■ 94, 42.364, 97.057

297.728

■ 24, 71.965,
298.849

Harmonies

Complementary

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



57, 10.524, 277.270



61, 10.458, 93.216

Rectangle

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



57, 10.524, 277.270



57, 10.524, 327.270



57, 10.524, 97.270



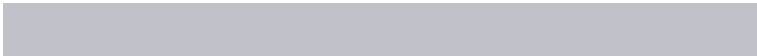
57, 10.524, 147.270

Sweetspot

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



57, 10.523, 277.265



78, 3.998, 275.810



62, 10.268, 175.682



41, 2.750, 275.886



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 10.523, 277.265



71, 15.399, 277.746



56, 14.536, 299.776



30, 3.623, 276.314



21, 66.376, 298.557



1, 3.904, 275.486

Inverse Universe

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



57, 10.758, 358.892



71, 15.789, 359.259



63, 14.063, 117.593



30, 3.677, 358.145



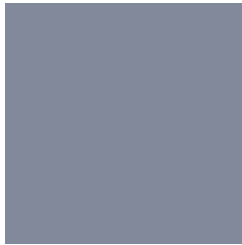
29, 56.313, 21.484



1, 3.891, 357.683

Previews

White Background



This preview shows how the CIELCh color 57, 10.524, 277.270 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, 10.524, 277.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

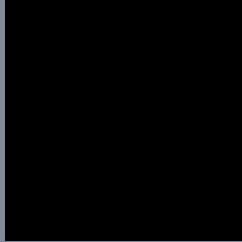
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

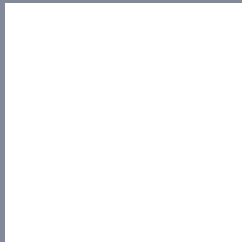
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 10.524, 277.270

Background



This preview shows how black text looks on a background with the CIELCh color 57, 10.524, 277.270.



This preview shows how white text looks on a background with the CIELCh color 57, 10.524, 277.270.

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, 10.524, 277.270

Protanopia

57, 10.286, 287.254

Deuteranopia

57, 13.532, 304.398



Tritanopia
57, 7.045, 262.466

Trichromacy



Original Color
57, 10.524, 277.270

Protanomaly
57, 10.351, 283.189

Deuteranomaly
57, 12.648, 296.674

Tritanomaly
57, 8.054, 266.584

Monochromacy



Original Color
57, 10.524, 277.270

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.594, 271.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 10.524, 277.270 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(130, 137, 155)` looks like.

```
.text, #text, p{  
    color:rgb(130, 137, 155)  
}
```

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(130, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 137, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 10.524, 277.270 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(130, 137, 155) }
```

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

```
.border{ border-color:rgb(130, 137, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 137, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 137, 155);  
box-shadow:4px 4px 4px 4px rgb(130, 137,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 10.524, 277.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 137, 155) }
```

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

```
.background{ background-color: rgb(130,  
137, 155) }
```

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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