

Converting Colors

CIELCh(60, 14.394, 281.673)

Have a look what the booklet for
CIELCh(60, 14.394, 281.673)
contains.

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Color

CIELCh(60, 14.283, 281.694)

Conversions

Conversions Part 1

Format	Color
Hex	8990A9
RGB	137, 144, 169
RGB Percent	54%, 56%, 66%
CMY	0.4628, 0.4353, 0.3373
CMYK	0.19, 0.15, 0.00, 0.34
HSL	227°, 16%, 60%
HSV	227°, 19%, 66%
XYZ	27.4453, 28.1233, 41.5110
YIQ	144.7570, -12.1970, 6.2910

Conversions

Conversions Part 2

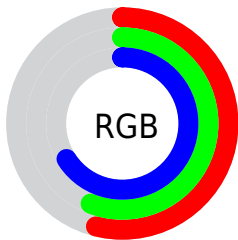
Format	Color
RYB	137, 143, 169
Decimal	9015465
CIELab	60.00, 2.89, -13.99
CIELCh	60, 14.283, 281.694
Yxy	28.1233, 0.2827, 0.2897
Android (android.graphics.Color)	4287205545 (0xFF8990A9)
YUV	144.7570, 11.9518, -6.8029
Hunter-Lab	53.0314, -0.4260, -9.2879

Details

The CIELCh color $60, 14.283, 281.694$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 14.032, 97.067$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.007, 281.536$, and $40, 14.184, 281.707$ is the 20% darker color. If you saturate the color by 10%, you get $55, 22.130, 283.285$, and if you desaturate by 10%, it is $65, 6.653, 280.333$.

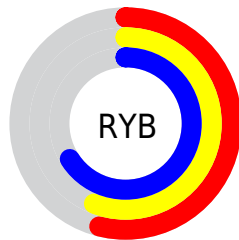
Distribution



Red (54%)

Green (56%)

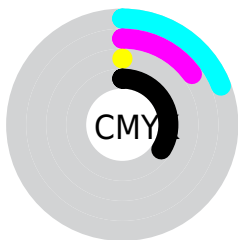
Blue (66%)



Red (54%)

Yellow (56%)

Blue (66%)

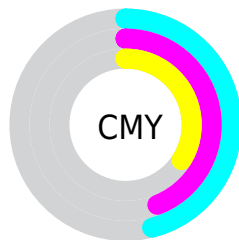


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (34%)



Cyan (46%)

Magenta (44%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 14.283, 281.694 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 60, 14.283, 281.694 by changing the saturation by 10% instead.

■ 60, 14.283,
281.694

■ 60, 14.283,
281.694

■ 100, 14.283,
281.694

■ 50, 14.283,
281.694

■ 80, 14.283,
281.694

■ 40, 14.283,
281.694

■ 90, 14.283,
281.694

■ 30, 14.283,
281.694

■ 20, 14.283,
281.694

■ 10, 14.283,
281.694

■ 0, 14.283, 281.694

■ 60, 14.283,

■ 60, 14.283,

281.694

281.694

■ 55, 22.130,
283.285

■ 65, 6.653, 280.333

■ 50, 30.218,
285.145

■ 70, 0.772, 98.940

■ 45, 38.571,
287.304

■ 75, 8.005, 98.096

■ 41, 47.210,
289.778

■ 79, 15.055, 97.220

■ 36, 56.132,
292.549

■ 84, 21.930, 96.450

■ 32, 65.258,
295.535

■ 89, 28.636, 95.772

■ 28, 74.332,
298.571

■ 94, 35.156, 95.347

■ 25, 82.847,
301.358

■ 97, 40.594,
104.043

■ 98, 43.025,
106.891

■ 24, 83.698,
301.613

Harmonies

Complementary

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



60, 14.283, 281.694



67, 14.032, 97.067

Rectangle

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



60, 14.283, 281.694



60, 14.283, 331.694



60, 14.283, 101.694



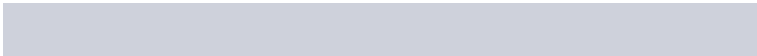
60, 14.283, 151.694

Sweetspot

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



60, 14.282, 281.691



84, 5.504, 279.992



67, 12.515, 179.043



44, 3.648, 280.064



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 14.282, 281.691



74, 21.576, 282.373



59, 18.501, 301.795



33, 4.201, 280.376



21, 75.130, 301.301



1, 7.841, 281.097

Inverse Universe

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



60, 13.324, 3.690



74, 20.208, 4.235



68, 17.823, 119.410



33, 3.877, 2.620



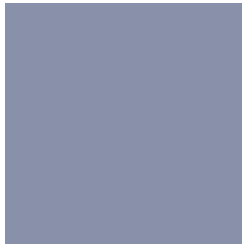
30, 60.652, 26.930



1, 6.837, 4.143

Previews

White Background



This preview shows how the CIELCh color 60, 14.283, 281.694 looks on a white background.

Color Contrast Check

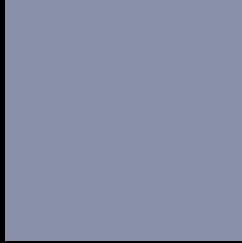
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 14.283, 281.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

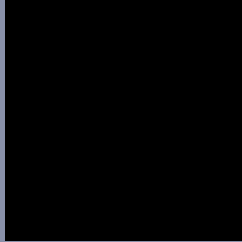
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

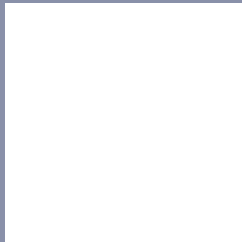
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 14.283, 281.694

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.283, 281.694.



This preview shows how white text looks on a background with the CIELCh color 60, 14.283, 281.694.

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

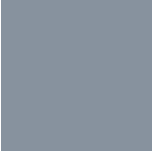
60, 14.283, 281.694

Protanopia

60, 14.153, 287.393

Deuteranopia

60, 16.548, 298.262



Tritanopia
60, 7.804, 259.732

Trichromacy



Original Color
60, 14.283, 281.694

Protanomaly
60, 14.178, 285.954

Deuteranomaly
60, 15.852, 293.245

Tritanomaly
60, 10.068, 272.281

Monochromacy



Original Color
60, 14.283, 281.694

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.187, 278.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 14.283, 281.694 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(137, 144, 169)` looks like.

```
.text, #text, p{  
    color:rgb(137, 144, 169)  
}
```

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(137, 144, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 144, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.283, 281.694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

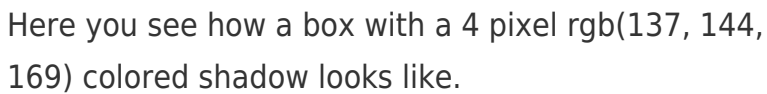
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 144, 169) }
```

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

```
.border{ border-color:rgb(137, 144, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 144, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 144, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 144, 169); box-shadow:4px 4px 4px 4px rgb(137, 144, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.283, 281.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 144, 169) }
```

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

```
.background{ background-color: rgb(137,  
144, 169) }
```

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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