

Converting Colors

CIELCh(60, 14.153, 283.810)

Have a look what the booklet for
CIELCh(60, 14.153, 283.810)
contains.

CIELCh(60, 14.234, 283.096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 14.234, 283.096)

Conversions

Conversions Part 1

Format	Color
Hex	8A90A9
RGB	138, 144, 169
RGB Percent	54%, 56%, 66%
CMY	0.4597, 0.4361, 0.3381
CMYK	0.18, 0.15, 0.00, 0.34
HSL	228°, 15%, 60%
HSV	228°, 18%, 66%
XYZ	27.5277, 28.1233, 41.4057
YIQ	145.0560, -11.6010, 6.5030

Conversions

Conversions Part 2

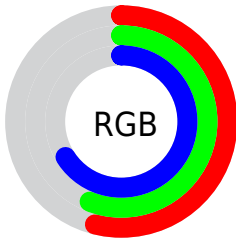
Format	Color
R_{YB}	138, 143, 169
Decimal	9081001
CIE _{Lab}	60.00, 3.23, -13.86
CIE _{LCh}	60, 14.234, 283.096
Yxy	28.1233, 0.2836, 0.2898
Android (android.graphics.Color)	4287271081 (0xFF8A90A9)
YUV	145.0560, 11.8044, -6.1881
Hunter-Lab	53.0314, -0.1488, -9.1702

Details

The CIELCh color `60, 14.234, 283.096` is a light color, and the websafe version is hex `999999`. A complement of this color would be `67, 13.940, 98.710`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 13.961, 282.918`, and `40, 14.131, 283.169` is the 20% darker color. If you saturate the color by 10%, you get `55, 22.315, 284.645`, and if you desaturate by 10%, it is `65, 6.392, 281.771`.

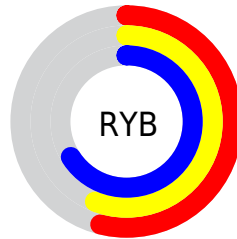
Distribution



Red (54%)

Green (56%)

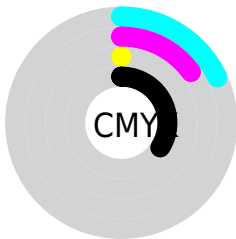
Blue (66%)



Red (54%)

Yellow (56%)

Blue (66%)

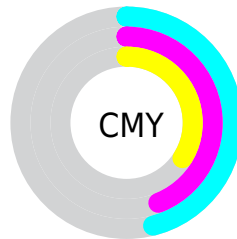


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (34%)



Cyan (46%)

Magenta (44%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 14.234, 283.096 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, 14.234, 283.096 by changing the saturation by 10% instead.

■ 60, 14.234,
283.096

■ 60, 14.234,
283.096

■ 100, 14.234,
283.096

■ 50, 14.234,
283.096

■ 80, 14.234,
283.096

■ 40, 14.234,
283.096

■ 90, 14.234,
283.096

■ 30, 14.234,
283.096

■ 20, 14.234,
283.096

■ 10, 14.234,
283.096

■ 0, 14.234, 283.096

■ 60, 14.234,

■ 60, 14.234,

283.096

283.096

■ 55, 22.315,
284.645

■ 65, 6.392, 281.771

■ 50, 30.661,
286.457

■ 70, 1.224, 100.494

■ 45, 39.297,
288.560

■ 75, 8.629, 99.599

■ 40, 48.241,
290.969

■ 80, 15.836, 98.748

■ 36, 57.478,
293.661

■ 85, 22.853, 98.001

■ 31, 66.899,
296.551

■ 90, 29.689, 97.344

■ 27, 76.187,
299.466

■ 94, 36.281, 97.339

■ 24, 84.727,
302.108

■ 98, 42.063,
105.700

■ 98, 43.125,
106.884

■ 23, 86.010,
302.472

Harmonies

Complementary

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



60, 14.234, 283.096



67, 13.940, 98.710

Rectangle

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



60, 14.234, 283.096



60, 14.234, 333.096



60, 14.234, 103.096



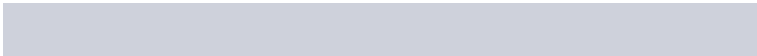
60, 14.234, 153.096

Sweetspot

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



60, 14.233, 283.093



84, 5.659, 281.506



67, 11.919, 181.649



44, 3.751, 281.577



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, 14.233, 283.093



74, 21.226, 283.690



59, 17.973, 302.938



33, 4.321, 281.884



20, 77.326, 302.187



1, 8.026, 282.335

Inverse Universe

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



60, 12.792, 5.511



75, 19.152, 5.995



68, 17.359, 120.763



33, 3.842, 4.515



30, 61.608, 28.877



1, 6.783, 5.822

Previews

White Background



This preview shows how the CIELCh color 60, 14.234, 283.096 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, 14.234, 283.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

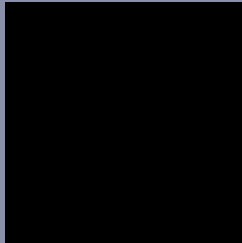
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

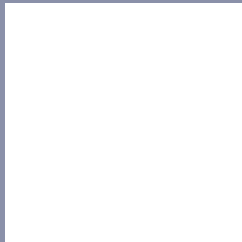
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 14.234, 283.096

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.234, 283.096.



This preview shows how white text looks on a background with the CIELCh color 60, 14.234, 283.096.

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

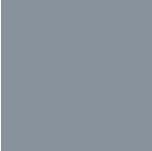
60, 14.234, 283.096

Protanopia

60, 14.153, 287.393

Deuteranopia

60, 15.987, 298.441



Tritanopia
60, 7.150, 259.775

Trichromacy



Original Color
60, 14.234, 283.096

Protanomaly
60, 14.178, 285.954

Deuteranomaly
60, 15.288, 293.236

Tritanomaly
60, 9.432, 273.134

Monochromacy



Original Color
60, 14.234, 283.096

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, 14.234, 283.096 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(138, 144, 169)` looks like.

```
.text, #text, p{  
    color:rgb(138, 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(138, 144, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 144, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.234, 283.096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

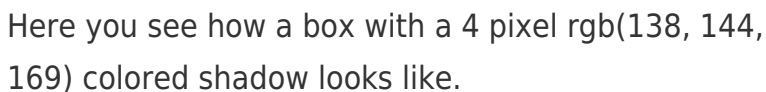
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 144, 169) }
```

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

```
.border{ border-color:rgb(138, 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(138, 144, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 144, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 144, 169); box-shadow:4px 4px 4px 4px rgb(138, 144, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.234, 283.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 144, 169) }
```

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

```
.background{ background-color: rgb(138,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor