

Converting Colors

CIELCh(60, 9.209, 200.092)

Have a look what the booklet for
CIELCh(60, 9.209, 200.092) contains.

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Color

CIE LCh(60, 9.227, 202.122)

Conversions

Conversions Part 1

Format	Color
Hex	7C9596
RGB	124, 149, 150
RGB Percent	49%, 58%, 59%
CMY	0.5124, 0.4144, 0.4104
CMYK	0.17, 0.01, 0.00, 0.41
HSL	182°, 11%, 54%
HSV	182°, 17%, 59%
XYZ	24.6921, 28.1233, 33.1227
YIQ	141.6390, -15.2210, -4.9890

Conversions

Conversions Part 2

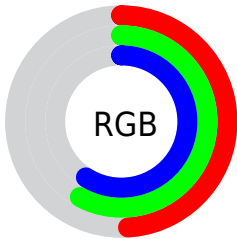
Format	Color
RYB	124, 137, 150
Decimal	8164758
CIELab	60.00, -8.55, -3.47
CIELCh	60, 9.227, 202.122
Yxy	28.1233, 0.2873, 0.3273
Android (android.graphics.Color)	4286354838 (0xFF7C9596)
YUV	141.6390, 4.1220, -15.4694
Hunter-Lab	53.0314, -9.6933, 0.0903

Details

The CIELCh color `60, 9.227, 202.122` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `55, 10.314, 23.636`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 9.163, 202.132`, and `40, 8.978, 202.242` is the 20% darker color. If you saturate the color by 10%, you get `59, 14.090, 201.793`, and if you desaturate by 10%, it is `61, 4.000, 202.543`.

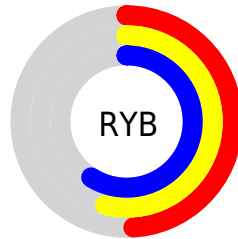
Distribution



Red (49%)

Green (58%)

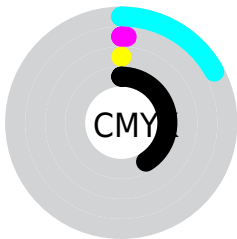
Blue (59%)



Red (49%)

Yellow (54%)

Blue (59%)

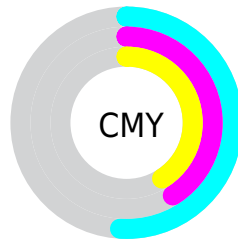


Cyan (17%)

Magenta (1%)

Yellow (0%)

Black (41%)



Cyan (51%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 9.227, 202.122 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, 9.227, 202.122 by changing the saturation by 10% instead.

60, 9.227, 202.122

60, 9.227, 202.122

100, 9.227,
202.122

50, 9.227, 202.122

80, 9.227, 202.122

40, 9.227, 202.122

90, 9.227, 202.122

30, 9.227, 202.122

20, 9.227, 202.122

10, 9.227, 202.122

0, 9.227, 202.122

60, 9.227, 202.122

60, 9.227, 202.122

59, 14.090,
201.793

61, 4.000, 202.543

63, 1.513, 22.548

■ 58, 18.501,
201.556

■ 64, 7.237, 23.236

■ 57, 22.375,
201.408

■ 66, 13.110, 23.745

■ 67, 19.080, 24.257

■ 56, 25.637,
201.363

■ 69, 25.105, 24.777

■ 56, 28.230,
201.433

■ 71, 31.151, 25.301

■ 73, 37.193, 25.825

■ 55, 30.124,
201.627

■ 74, 41.302, 26.308

■ 55, 31.331,
201.956

■ 54, 31.953,
202.409

■ 54, 32.093,
202.536

Harmonies

Complementary

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



60, 9.227, 202.122



55, 10.314, 23.636

Rectangle

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



60, 9.227, 202.122



60, 9.227, 252.122



60, 9.227, 22.122



60, 9.227, 72.122

Sweetspot

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



60, 9.228, 202.114



78, 3.423, 202.678



60, 17.567, 144.287



42, 2.351, 202.634



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 9.228, 202.114



76, 13.748, 201.972



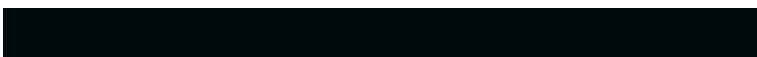
56, 8.995, 261.353



31, 3.040, 202.447



50, 30.115, 202.486



2, 2.722, 202.746

Inverse Universe

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



55, 17.525, 326.411



69, 26.469, 326.638



58, 9.310, 76.790



29, 5.626, 325.957



32, 70.974, 329.779



1, 4.894, 325.479

Previews

White Background



This preview shows how the CIELCh color 60, 9.227, 202.122 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, 9.227, 202.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

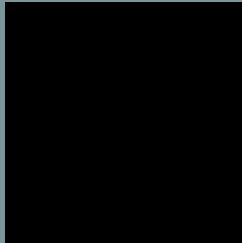
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 9.227, 202.122

Background



This preview shows how black text looks on a background with the CIELCh color 60, 9.227, 202.122.



This preview shows how white text looks on a background with the CIELCh color 60, 9.227, 202.122.

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, 9.227, 202.122

Protanopia

60, 1.877, 314.678

Deuteranopia

60, 8.949, 331.087



Tritanopia
60, 10.251, 240.442

Trichromacy



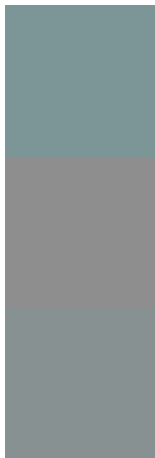
Original Color
60, 9.227, 202.122

Protanomaly
60, 3.226, 219.785

Deuteranomaly
60, 4.550, 295.497

Tritanomaly
60, 9.376, 227.714

Monochromacy



Original Color
60, 9.227, 202.122

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 3.440, 199.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 9.227, 202.122 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, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(124, 149, 150)  
}
```

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, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 149, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 9.227, 202.122 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, 149, 150) }
```

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

```
.border{ border-color:rgb(124, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(124, 149,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 9.227, 202.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 149, 150) }
```

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

```
.background{ background-color: rgb(124,  
149, 150) }
```

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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