

Converting Colors

CIELCh(60, 9.794, 109.068)

Have a look what the booklet for
CIELCh(60, 9.794, 109.068) contains.

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Color

CIELCh(60, 10.103, 109.020)

Conversions

Conversions Part 1

Format	Color
Hex	929280
RGB	146, 146, 128
RGB Percent	57%, 57%, 50%
CMY	0.4284, 0.4284, 0.4990
CMYK	0.00, 0.00, 0.12, 0.43
HSL	60°, 8%, 54%
HSV	60°, 12%, 57%
XYZ	25.9325, 28.1233, 24.4015
YIQ	143.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

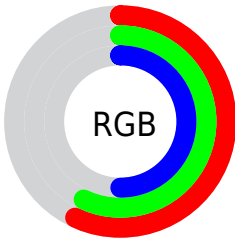
Format	Color
R_{YB}	128, 146, 128
Decimal	9605760
CIE Lab	60.00, -3.29, 9.55
CIE LCh	60, 10.103, 109.020
Yxy	28.1233, 0.3305, 0.3585
Android (android.graphics.Color)	4287795840 (0xFF929280)
YUV	143.9480, -7.8624, 1.7996
Hunter-Lab	53.0314, -5.5182, 9.8407

Details

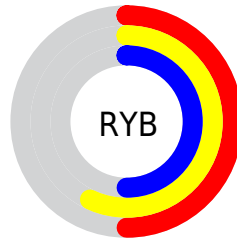
The CIELCh color `60, 10.103, 109.020` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `54, 10.386, 291.453`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 10.066, 109.264`, and `40, 10.286, 111.054` is the 20% darker color. If you saturate the color by 10%, you get `60, 18.229, 108.086`, and if you desaturate by 10%, it is `60, 1.918, 109.942`.

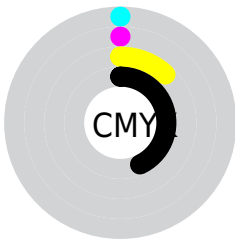
Distribution



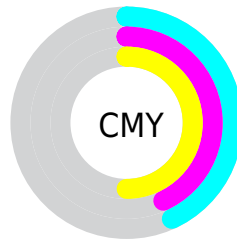
- Red (57%)
- Green (57%)
- Blue (50%)



- Red (50%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)





- Cyan (43%)
- Magenta (43%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 10.103, 109.020 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, 10.103, 109.020 by changing the saturation by 10% instead.


 60, 10.103,
109.020


 60, 10.103,
109.020


 100, 10.103,
109.020


 50, 10.103,
109.020


 80, 10.103,
109.020

 40, 10.103,
109.020


 90, 10.103,
109.020


 30, 10.103,
109.020

 20, 10.103,
109.020

 10, 10.103,
109.020

 0, 10.103, 109.020

 60, 10.103,

 60, 10.103,

109.020

60, 18.229,
108.086

59, 26.231,
107.150

59, 34.016,
106.238

59, 41.441,
105.375

59, 48.290,
104.589

59, 54.266,
103.916

59, 59.003,
103.392

59, 62.169,
103.047

109.020

60, 1.918, 109.942

61, 6.291, 290.895

61, 14.494,
291.782

62, 22.672,
292.639

62, 30.813,
293.461

63, 38.905,
294.243

64, 46.939,
294.983

64, 54.908,
295.682

■ 59, 63.880,
102.864

■ 65, 60.676,
296.165

Harmonies

Complementary

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



60, 10.103, 109.020



54, 10.386, 291.453

Rectangle

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



60, 10.103, 109.020



60, 10.103, 159.020



60, 10.103, 289.020



60, 10.103, 339.020

Sweetspot

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



60, 10.104, 109.027



76, 4.041, 109.792



55, 7.307, 20.135



40, 2.863, 109.730



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



60, 10.104, 109.027



76, 15.143, 108.749



59, 10.781, 128.542



31, 4.681, 109.320



56, 61.289, 102.864



3, 4.113, 110.184

Inverse Universe

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



54, 10.386, 291.453



67, 15.666, 291.794



55, 10.963, 309.603



28, 4.780, 291.110



15, 84.628, 306.288



0, 4.113, 290.185

Previews

White Background



This preview shows how the CIELCh color 60, 10.103, 109.020 looks on a white background.

Color Contrast Check

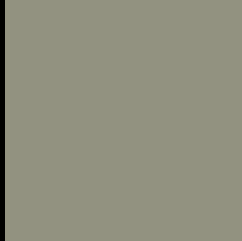
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.103, 109.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

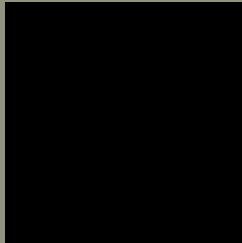
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

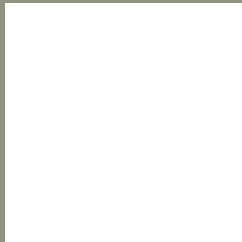
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 10.103, 109.020

Background



This preview shows how black text looks on a background with the CIELCh color 60, 10.103, 109.020.



This preview shows how white text looks on a background with the CIELCh color 60, 10.103, 109.020.

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, 10.103, 109.020

Protanopia

60, 9.971, 92.399

Deuteranopia

60, 11.789, 48.597



Tritanopia
60, 6.804, 313.955

Trichromacy



Original Color
60, 10.103, 109.020

Protanomaly
60, 10.235, 99.847

Deuteranomaly
60, 9.430, 65.372

Tritanomaly
60, 2.039, 3.346

Monochromacy



Original Color
60, 10.103, 109.020

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 3.935, 109.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 10.103, 109.020 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(146, 146, 128)` looks like.

```
.text, #text, p{  
    color:rgb(146, 146, 128)  
}
```

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(146, 146, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 146, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 10.103, 109.020 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(146, 146, 128) }
```

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

```
.border{ border-color:rgb(146, 146, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 146, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 146, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 146, 128);  
box-shadow:4px 4px 4px 4px rgb(146, 146,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 10.103, 109.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 146, 128) }
```

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

```
.background{ background-color: rgb(146,  
146, 128) }
```

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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