

Converting Colors

CIELCh(60, 26.242, 310.225)

Have a look what the booklet for
CIELCh(60, 26.242, 310.225)
contains.

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Color

CIELCh(60, 26.210, 310.218)

Conversions

Conversions Part 1

Format	Color
Hex	9E88B4
RGB	158, 136, 180
RGB Percent	62%, 53%, 71%
CMY	0.3809, 0.4671, 0.2946
CMYK	0.12, 0.24, 0.00, 0.29
HSL	270°, 23%, 62%
HSV	270°, 24%, 71%
XYZ	31.0909, 28.1233, 46.9048
YIQ	147.5940, -1.0120, 18.3480

Conversions

Conversions Part 2

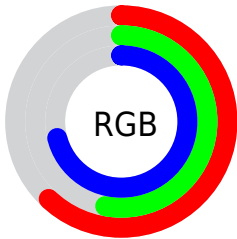
Format	Color
RYB	158, 136, 180
Decimal	10389684
CIELab	60.00, 16.92, -20.01
CIElCh	60, 26.210, 310.218
Yxy	28.1233, 0.2930, 0.2650
Android (android.graphics.Color)	4288579764 (0xFF9E88B4)
YUV	147.5940, 15.9762, 9.1261
Hunter-Lab	53.0314, 11.8448, -15.3183

Details

The CIELCh color $60, 26.210, 310.218$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71, 25.350, 127.956$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 26.521, 310.364$, and $40, 26.199, 310.179$ is the 20% darker color. If you saturate the color by 10%, you get $55, 37.353, 310.748$, and if you desaturate by 10%, it is $65, 15.287, 309.714$.

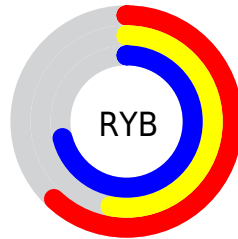
Distribution



Red (62%)

Green (53%)

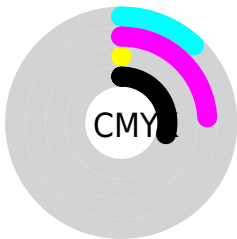
Blue (71%)



Red (62%)

Yellow (53%)

Blue (71%)

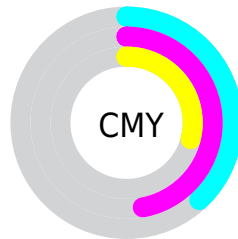


Cyan (12%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (38%)


Magenta (47%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 26.210, 310.218 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, 26.210, 310.218 by changing the saturation by 10% instead.


 60, 26.210,
310.218


 60, 26.210,
310.218


 100, 26.210,
310.218


 50, 26.210,
310.218


 80, 26.210,
310.218

 40, 26.210,
310.218

 90, 26.210,
310.218

 30, 26.210,
310.218

 20, 26.210,
310.218

 10, 26.210,
310.218

 0, 26.210, 310.218

 60, 26.210,

 60, 26.210,

310.218

55, 37.353,
310.748

49, 48.601,
311.287

44, 59.742,
311.801

40, 70.424,
312.238

35, 80.108,
312.518

32, 88.084,
312.538

29, 93.622,
312.188

28, 96.009,
311.918

310.218

65, 15.287,
309.714

71, 4.649, 309.236

76, 5.678, 128.860


82, 15.689,
128.474

87, 25.388,
128.139

93, 34.786,
127.846

96, 40.034,
126.042

97, 39.014,
121.468

 97, 38.265,
116.592

Harmonies

Complementary

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



60, 26.210, 310.218



71, 25.350, 127.956

Rectangle

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



60, 26.210, 310.218



60, 26.210, 0.218



60, 26.210, 130.218



60, 26.210, 180.218

Sweetspot

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



60, 26.208, 310.218



88, 9.094, 309.364



64, 14.002, 257.157



46, 5.909, 309.391



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 26.208, 310.218



73, 38.803, 310.482



62, 29.318, 325.284



35, 5.909, 309.468



23, 85.090, 312.062



1, 13.840, 305.232

Inverse Universe

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



61, 20.973, 345.816



76, 30.943, 346.348



69, 29.285, 142.432



35, 4.756, 344.370



32, 57.950, 1.312



2, 10.605, 349.860

Previews

White Background



This preview shows how the CIELCh color 60, 26.210, 310.218 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 CIE LCh color 60, 26.210, 310.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

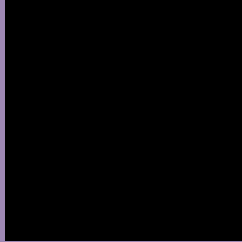
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 26.210, 310.218

Background



This preview shows how black text looks on a background with the CIELCh color 60, 26.210, 310.218.



This preview shows how white text looks on a background with the CIELCh color 60, 26.210, 310.218.

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, 26.210, 310.218

Protanopia

60, 23.831, 285.495

Deuteranopia

60, 20.914, 291.543



Tritanopia
60, 7.780, 327.180

Trichromacy



Original Color
60, 26.210, 310.218

Protanomaly
60, 24.387, 295.293

Deuteranomaly
60, 22.258, 298.951

Tritanomaly
60, 14.393, 316.171

Monochromacy



Original Color
60, 26.210, 310.218

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 9.564, 309.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 26.210, 310.218 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(158, 136, 180)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 180)  
}
```

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(158, 136, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 26.210, 310.218 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(158, 136, 180) }
```

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

```
.border{ border-color:rgb(158, 136, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 180);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 26.210, 310.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 180) }
```

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

```
.background{ background-color: rgb(158,  
136, 180) }
```

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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