

Converting Colors

CIELCh(60, 5.866, 120.735)

Have a look what the booklet for
CIELCh(60, 5.866, 120.735) contains.

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Color

CIELCh(60, 5.756, 121.432)

Conversions

Conversions Part 1

Format	Color
Hex	8F9288
RGB	143, 146, 136
RGB Percent	56%, 57%, 53%
CMY	0.4397, 0.4279, 0.4671
CMYK	0.02, 0.00, 0.07, 0.43
HSL	78°, 4%, 55%
HSV	78°, 7%, 57%
XYZ	26.0023, 28.1233, 27.3058
YIQ	143.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

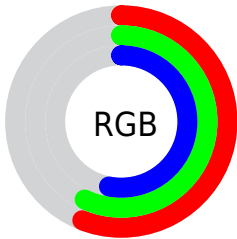
Format	Color
R_{YB}	136, 146, 139
Decimal	9409160
CIE Lab	60.00, -3.00, 4.91
CIE LCh	60, 5.756, 121.432
Yxy	28.1233, 0.3193, 0.3454
Android (android.graphics.Color)	4287599240 (0xFF8F9288)
YUV	143.9630, -3.9258, -0.8446
Hunter-Lab	53.0314, -5.2831, 6.5937

Details

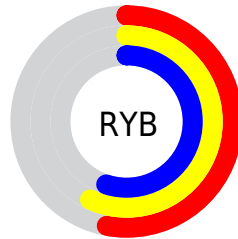
The CIELCh color $60, 5.756, 121.432$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 5.841, 302.192$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 5.949, 120.456$, and $40, 6.205, 121.255$ is the 20% darker color. If you saturate the color by 10%, you get $59, 14.151, 120.871$, and if you desaturate by 10%, it is $61, 2.651, 301.964$.

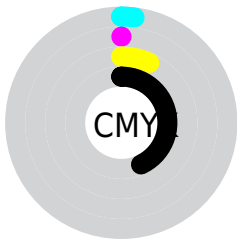
Distribution



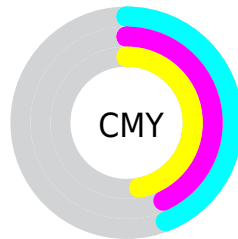
- Red (56%)
- Green (57%)
- Blue (53%)



- Red (53%)
- Yellow (57%)
- Blue (55%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 5.756, 121.432 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, 5.756, 121.432 by changing the saturation by 10% instead.

60, 5.756, 121.432

60, 5.756, 121.432

100, 5.756,
121.432

50, 5.756, 121.432

80, 5.756, 121.432

40, 5.756, 121.432

90, 5.756, 121.432

30, 5.756, 121.432

20, 5.756, 121.432

10, 5.756, 121.432

0, 5.756, 121.432

60, 5.756, 121.432

60, 5.756, 121.432

59, 14.151,
120.871

61, 2.651, 301.964

62, 11.036,

■ 59, 22.477,
120.296

302.493

■ 58, 30.660,
119.734

■ 62, 19.373,
302.982

■ 58, 38.588,
119.212

■ 63, 27.640,
303.437

■ 57, 46.095,
118.776

■ 64, 35.822,
303.859

■ 57, 52.945,
118.489

■ 65, 43.910,
304.248

■ 56, 58.817,
118.439

■ 66, 51.896,
304.606

■ 56, 63.354,
118.729

■ 67, 59.773,
304.935

■ 56, 66.420,
119.404

■ 68, 61.193,
306.024

Harmonies

Complementary

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



60, 5.756, 121.432



57, 5.841, 302.192

Rectangle

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



60, 5.756, 121.432



60, 5.756, 171.432



60, 5.756, 301.432



60, 5.756, 351.432

Sweetspot

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



60, 5.758, 121.440



76, 2.065, 121.721



58, 3.248, 50.999



40, 1.170, 121.730



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, 5.758, 121.440



76, 8.289, 121.366



60, 6.483, 138.535



31, 4.799, 121.306



53, 64.509, 119.545



2, 4.211, 121.809

Inverse Universe

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



57, 5.841, 302.192



72, 8.426, 302.271



58, 6.516, 319.079



29, 4.886, 302.335



17, 81.887, 308.550



0, 4.211, 301.808

Previews

White Background



This preview shows how the CIE LCh color 60, 5.756, 121.432 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, 5.756, 121.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

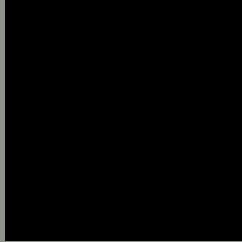
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

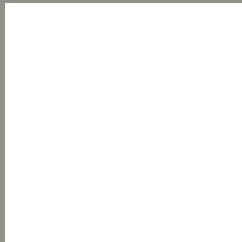
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 5.756, 121.432

Background



This preview shows how black text looks on a background with the CIELCh color 60, 5.756, 121.432.



This preview shows how white text looks on a background with the CIELCh color 60, 5.756, 121.432.

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, 5.756, 121.432

Protanopia

60, 5.432, 87.992

Deuteranopia

60, 8.634, 31.396



Tritanopia
60, 6.342, 301.195

Trichromacy



Original Color
60, 5.756, 121.432

Protanomaly
60, 5.672, 101.443

Deuteranomaly
60, 5.559, 50.086

Tritanomaly
60, 1.749, 303.127

Monochromacy



Original Color
60, 5.756, 121.432

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 2.285, 119.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 5.756, 121.432 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(143, 146, 136)` looks like.

```
.text, #text, p{  
    color:rgb(143, 146, 136)  
}
```

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(143, 146, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 146, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 5.756, 121.432 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(143, 146, 136) }
```

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

```
.border{ border-color:rgb(143, 146, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 146, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 146, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 146, 136);  
box-shadow:4px 4px 4px 4px rgb(143, 146,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 5.756, 121.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 146, 136) }
```

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

```
.background{ background-color: rgb(143,  
146, 136) }
```

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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