

Converting Colors

CIELCh(60, 6.206, 75.172)

Have a look what the booklet for
CIELCh(60, 6.206, 75.172) contains.

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Color

CIELCh(60, 6.217, 73.964)

Conversions

Conversions Part 1

Format	Color
Hex	988F86
RGB	152, 143, 134
RGB Percent	60%, 56%, 53%
CMY	0.4032, 0.4384, 0.4738
CMYK	0.00, 0.06, 0.12, 0.40
HSL	30°, 8%, 56%
HSV	30°, 12%, 60%
XYZ	27.1530, 28.1233, 26.6207
YIQ	144.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

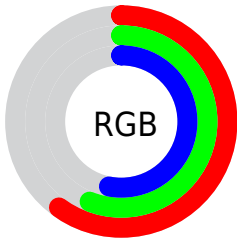
Format	Color
R_{YB}	152, 152, 134
Decimal	9998214
CIE _{Lab}	60.00, 1.72, 5.98
CIE _{LCh}	60, 6.217, 73.964
Yxy	28.1233, 0.3316, 0.3434
Android (android.graphics.Color)	4288188294 (0xFF988F86)
YUV	144.6650, -5.2578, 6.4328
Hunter-Lab	53.0314, -1.4100, 7.3597

Details

The CIELCh color $60, 6.217, 73.964$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 6.046, 257.014$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 6.281, 77.017$, and $40, 6.503, 76.530$ is the 20% darker color. If you saturate the color by 10%, you get $58, 11.740, 72.791$, and if you desaturate by 10%, it is $62, 0.936, 74.901$.

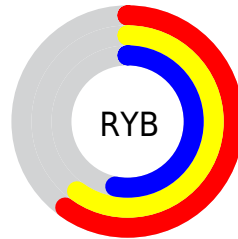
Distribution



Red (60%)

Green (56%)

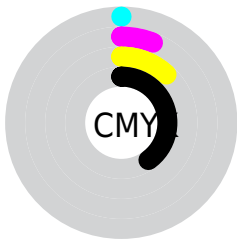
Blue (53%)



Red (60%)

Yellow (60%)

Blue (53%)

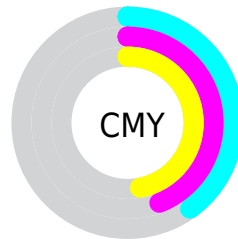


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 6.217, 73.964 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, 6.217, 73.964 by changing the saturation by 10% instead.

60, 6.217, 73.964

60, 6.217, 73.964

100, 6.217, 73.964

50, 6.217, 73.964

80, 6.217, 73.964

40, 6.217, 73.964

90, 6.217, 73.964

30, 6.217, 73.964

20, 6.217, 73.964

10, 6.217, 73.964

0, 6.217, 73.964

60, 6.217, 73.964

60, 6.217, 73.964

58, 11.740, 72.791

62, 0.936, 74.901

55, 17.520, 71.572

65, 4.124, 256.460

■ 53, 23.561, 70.339

■ 67, 8.986, 257.552

■ 51, 29.842, 69.092

■ 70, 13.670,
258.634

■ 48, 36.293, 67.816

■ 73, 18.197,
259.680

■ 46, 42.751, 66.461

■ 44, 48.882, 64.913

■ 75, 22.585,
260.686

■ 42, 54.090, 62.944

■ 78, 26.850,
261.649

■ 41, 57.815, 61.221

■ 80, 30.591,
261.996

■ 82, 28.405,
253.049

Harmonies

Complementary

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



60, 6.217, 73.964



59, 6.046, 257.014

Rectangle

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



60, 6.217, 73.964



60, 6.217, 123.964



60, 6.217, 253.964



60, 6.217, 303.964

Sweetspot

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



60, 6.217, 73.982



79, 2.566, 74.813



58, 8.748, 344.588



41, 1.822, 74.751



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, 6.217, 73.982



76, 9.203, 73.694



62, 10.031, 109.063



31, 2.965, 74.280



38, 54.392, 61.514



2, 3.134, 74.517

Inverse Universe

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



59, 6.046, 257.014



74, 8.887, 257.361



57, 10.300, 291.393



31, 2.904, 256.665



30, 45.294, 282.988



2, 3.173, 256.346

Previews

White Background



This preview shows how the CIELCh color 60, 6.217, 73.964 looks on a white background.

Color Contrast Check

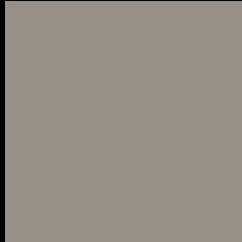
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.217, 73.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

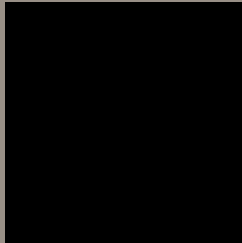
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

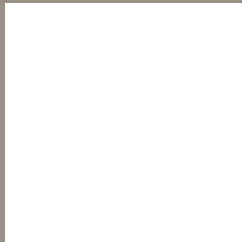
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 6.217, 73.964

Background



This preview shows how black text looks on a background with the CIELCh color 60, 6.217, 73.964.

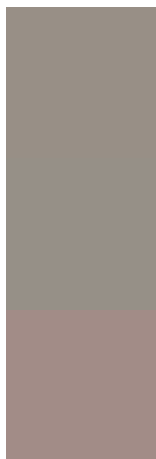


This preview shows how white text looks on a background with the CIELCh color 60, 6.217, 73.964.

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, 6.217, 73.964

Protanopia

60, 5.591, 84.145

Deuteranopia

60, 9.365, 37.587



Tritanopia
60, 8.265, 331.556

Trichromacy



Original Color
60, 6.217, 73.964

Protanomaly
60, 5.775, 80.522

Deuteranomaly
60, 7.656, 46.029

Tritanomaly
60, 5.223, 354.328

Monochromacy



Original Color
60, 6.217, 73.964

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 2.294, 66.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 6.217, 73.964 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(152, 143, 134)` looks like.

```
.text, #text, p{  
    color:rgb(152, 143, 134)  
}
```

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(152, 143, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 143, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 6.217, 73.964 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(152, 143, 134) }
```

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

```
.border{ border-color:rgb(152, 143, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 143, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 143, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 143, 134);  
box-shadow:4px 4px 4px 4px rgb(152, 143,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 6.217, 73.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 143, 134) }
```

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

```
.background{ background-color: rgb(152,  
143, 134) }
```

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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