

Converting Colors

CIELCh(60, 3.030, 94.158)

Have a look what the booklet for
CIELCh(60, 3.030, 94.158) contains.

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Color

CIELCh(60, 3.041, 86.917)

Conversions

Conversions Part 1

Format	Color
Hex	93908B
RGB	147, 144, 139
RGB Percent	58%, 56%, 55%
CMY	0.4225, 0.4343, 0.4539
CMYK	0.00, 0.02, 0.05, 0.42
HSL	38°, 4%, 56%
HSV	38°, 5%, 58%
XYZ	26.7704, 28.1233, 28.5416
YIQ	144.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

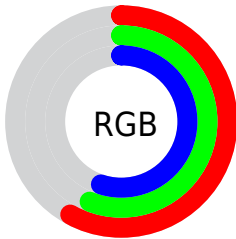
Format	Color
R_{YB}	144, 147, 139
Decimal	9670795
CIE _{Lab}	60.00, 0.16, 3.04
CIE _{LCh}	60, 3.041, 86.917
Yxy	28.1233, 0.3209, 0.3371
Android (android.graphics.Color)	4287860875 (0xFF93908B)
YUV	144.3270, -2.6262, 2.3442
Hunter-Lab	53.0314, -2.6976, 5.2120

Details

The CIELCh color $60, 3.041, 86.917$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 3.043, 268.427$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 3.360, 90.506$, and $40, 3.147, 93.894$ is the 20% darker color. If you saturate the color by 10%, you get $58, 8.765, 85.745$, and if you desaturate by 10%, it is $62, 2.535, 268.308$.

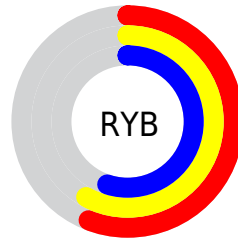
Distribution



Red (58%)

Green (56%)

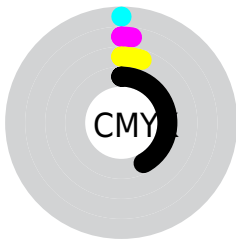
Blue (55%)



Red (56%)

Yellow (58%)

Blue (55%)

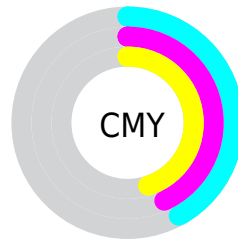


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (42%)



Cyan (42%)

Magenta (43%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 3.041, 86.917 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, 3.041, 86.917 by changing the saturation by 10% instead.

60, 3.041, 86.917

60, 3.041, 86.917

100, 3.041, 86.917

50, 3.041, 86.917

80, 3.041, 86.917

40, 3.041, 86.917

90, 3.041, 86.917

30, 3.041, 86.917

20, 3.041, 86.917

10, 3.041, 86.917

0, 3.041, 86.917

60, 3.041, 86.917

60, 3.041, 86.917

58, 8.765, 85.745

62, 2.535, 268.308

56, 14.635, 84.467

64, 7.975, 269.409

■ 54, 20.645, 83.147

■ 66, 13.288,
270.508

■ 53, 26.765, 81.788

■ 68, 18.485,
271.563

■ 51, 32.928, 80.385

■ 49, 38.995, 78.916

■ 70, 23.575,
272.570

■ 48, 44.709, 77.330

■ 72, 28.570,
273.527

■ 46, 49.631, 75.521

■ 45, 53.224, 73.334

■ 74, 33.478,
274.435

■ 76, 37.281,
274.571

■ 77, 34.897,
269.930

Harmonies

Complementary

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



60, 3.041, 86.917



59, 3.043, 268.427

Rectangle

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



60, 3.041, 86.917



60, 3.041, 136.917



60, 3.041, 266.917



60, 3.041, 316.917

Sweetspot

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



60, 3.042, 86.947



77, 1.374, 87.241



59, 3.600, 350.827



41, 0.787, 87.244



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 3.042, 86.947



76, 4.862, 86.754



61, 4.507, 114.344



31, 2.546, 86.728



41, 52.190, 72.580



2, 2.768, 87.674

Inverse Universe

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



59, 3.043, 268.427



74, 4.852, 268.636



58, 4.571, 295.189



30, 2.540, 268.664



24, 56.319, 293.149



1, 2.769, 267.682

Previews

White Background



This preview shows how the CIELCh color 60, 3.041, 86.917 looks on a white background.

Color Contrast Check

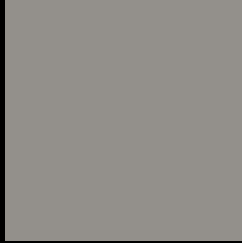
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.041, 86.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

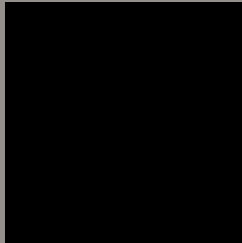
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

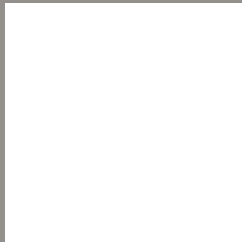
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 3.041, 86.917

Background



This preview shows how black text looks on a background with the CIELCh color 60, 3.041, 86.917.

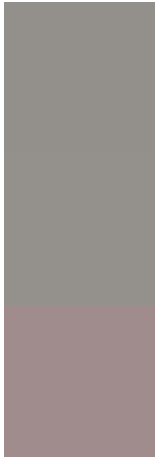


This preview shows how white text looks on a background with the CIELCh color 60, 3.041, 86.917.

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, 3.041, 86.917

Protanopia

60, 3.213, 80.365

Deuteranopia

60, 7.991, 20.155



Tritanopia
60, 6.804, 313.955

Trichromacy



Original Color
60, 3.041, 86.917

Protanomaly
60, 3.213, 80.365

Deuteranomaly
60, 5.285, 32.083

Tritanomaly
60, 3.445, 324.562

Monochromacy



Original Color
60, 3.041, 86.917

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 1.181, 90.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 3.041, 86.917 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(147, 144, 139)` looks like.

```
.text, #text, p{  
    color:rgb(147, 144, 139)  
}
```

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(147, 144, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 144, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 3.041, 86.917 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(147, 144, 139) }
```

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

```
.border{ border-color:rgb(147, 144, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 144, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 144, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 144, 139);  
box-shadow:4px 4px 4px 4px rgb(147, 144,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 3.041, 86.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 144, 139) }
```

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

```
.background{ background-color: rgb(147,  
144, 139) }
```

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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