

Converting Colors

CIELCh(60, 56.600, 86.477)

Have a look what the booklet for
CIELCh(60, 56.600, 86.477) contains.

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Color

CIELCh(60, 56.574, 86.396)

Conversions

Conversions Part 1

Format	Color
Hex	B08C24
RGB	176, 140, 36
RGB Percent	69%, 55%, 14%
CMY	0.3097, 0.4509, 0.8587
CMYK	0.00, 0.20, 0.80, 0.31
HSL	45°, 66%, 42%
HSV	45°, 80%, 69%
XYZ	27.6104, 28.1233, 5.6442
YIQ	138.9080, 54.8400, -24.7120

Conversions

Conversions Part 2

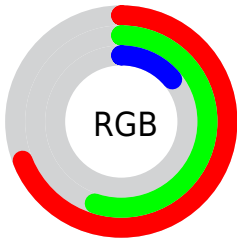
Format	Color
R _Y B	84, 176, 36
Decimal	11570212
CIE Lab	60.00, 3.56, 56.46
CIE LCh	60, 56.574, 86.396
Yxy	28.1233, 0.4498, 0.4582
Android (android.graphics.Color)	4289760292 (0xFFB08C24)
YUV	138.9080, -50.7336, 32.5297
Hunter-Lab	53.0314, 0.1297, 30.8117

Details

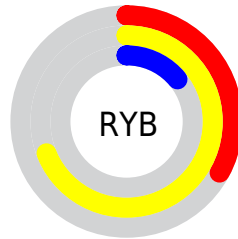
The CIELCh color **60, 56.574, 86.396** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **34, 64.473, 293.827**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 56.391, 86.287**, and **40, 47.972, 84.815** is the 20% darker color. If you saturate the color by 10%, you get **59, 60.779, 84.766**, and if you desaturate by 10%, it is **61, 50.807, 87.872**.

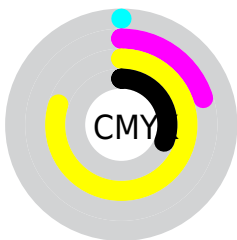
Distribution



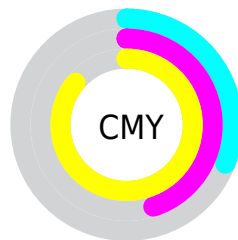
- Red (69%)
- Green (55%)
- Blue (14%)



- Red (33%)
- Yellow (69%)
- Blue (14%)



- Cyan (0%)
- Magenta (20%)
- Yellow (80%)
- Black (31%)



- Cyan (31%)
- Magenta (45%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 56.574, 86.396 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, 56.574, 86.396 by changing the saturation by 10% instead.

60, 56.574, 86.396

60, 56.574, 86.396

100, 56.574,
86.396

50, 56.574, 86.396

80, 56.574, 86.396

40, 56.574, 86.396

90, 56.574, 86.396

30, 56.574, 86.396

20, 56.574, 86.396

10, 56.574, 86.396

0, 56.574, 86.396

60, 56.574, 86.396

60, 56.574, 86.396

59, 60.779, 84.766

61, 50.807, 87.872

58, 63.252, 82.929

63, 44.088, 89.259

57, 63.366, 82.845

64, 36.865, 90.598

66, 29.416, 91.904

67, 21.900, 93.179

69, 14.407, 94.419

70, 6.983, 95.613

72, 0.350, 277.301

74, 7.582, 277.948

Harmonies

Complementary

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



60, 56.574, 86.396



34, 64.473, 293.827

Rectangle

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



60, 56.574, 86.396



60, 56.574, 136.396



60, 56.574, 266.396



60, 56.574, 316.396

Sweetspot

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



60, 56.574, 86.399



86, 22.026, 93.817



40, 58.441, 13.855



45, 15.143, 93.384



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 56.574, 86.399



74, 76.212, 83.440



67, 68.731, 115.412



37, 4.196, 95.637



50, 57.195, 83.102



6, 9.160, 89.520

Inverse Universe

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



34, 64.473, 293.827



38, 97.135, 299.289



29, 85.326, 306.747



35, 4.225, 277.921



23, 73.574, 299.852



2, 10.802, 280.491

Previews

White Background



This preview shows how the CIELCh color 60, 56.574, 86.396 looks on a white background.

Color Contrast Check

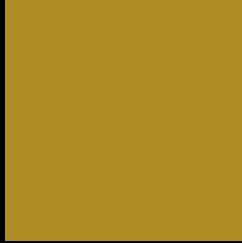
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.574, 86.396 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, 56.574, 86.396

Background



This preview shows how black text looks on a background with the CIELCh color 60, 56.574, 86.396.



This preview shows how white text looks on a background with the CIELCh color 60, 56.574, 86.396.

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, 56.574, 86.396

Protanopia

60, 55.908, 95.154

Deuteranopia

60, 56.787, 81.953



Tritanopia
60, 21.652, 6.907

Trichromacy



Original Color
60, 56.574, 86.396

Protanomaly
60, 55.827, 91.714

Deuteranomaly
60, 56.558, 83.402

Tritanomaly
60, 27.193, 60.004

Monochromacy



Original Color
60, 56.574, 86.396

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 21.613, 92.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 56.574, 86.396 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(176, 140, 36)` looks like.

```
.text, #text, p{  
    color:rgb(176, 140, 36)  
}
```

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(176, 140, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 140, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 56.574, 86.396 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(176, 140, 36) }
```

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

```
.border{ border-color:rgb(176, 140, 36) }
```

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

Here you see how a box with a 4 pixel rgb(176, 140, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 140, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 140, 36);  
box-shadow:4px 4px 4px 4px rgb(176, 140,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 56.574, 86.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 140, 36) }
```

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

```
.background{ background-color: rgb(176,  
140, 36) }
```

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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