

Converting Colors

CIELCh(60, 60.401, 75.967)

Have a look what the booklet for
CIELCh(60, 60.401, 75.967) contains.

CIELCh(60, 60.237, 76.123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 60.237, 76.123)

Conversions

Conversions Part 1

Format	Color
Hex	C08520
RGB	192, 133, 32
RGB Percent	75%, 52%, 13%
CMY	0.2467, 0.4781, 0.8741
CMYK	0.00, 0.31, 0.83, 0.25
HSL	38°, 71%, 44%
HSV	38°, 83%, 75%
XYZ	30.4252, 28.1233, 5.1986
YIQ	139.1270, 67.5850, -18.9030

Conversions

Conversions Part 2

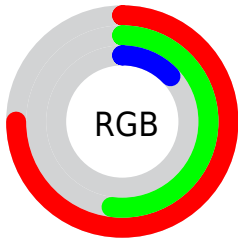
Format	Color
R_{YB}	125, 192, 32
Decimal	12616992
CIE _{Lab}	60.00, 14.45, 58.48
CIE _{LCh}	60, 60.237, 76.123
Yxy	28.1233, 0.4773, 0.4412
Android (android.graphics.Color)	4290807072 (0xFFC08520)
YUV	139.1270, -52.8136, 46.3696
Hunter-Lab	53.0314, 9.6041, 31.3099

Details

The CIELCh color **60, 60.237, 76.123** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **41, 61.280, 288.336**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 60.454, 76.081**, and **40, 50.879, 73.263** is the 20% darker color. If you saturate the color by 10%, you get **58, 64.625, 73.896**, and if you desaturate by 10%, it is **62, 54.093, 77.950**.

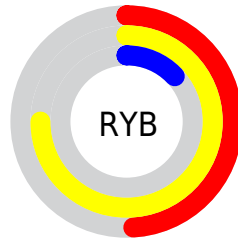
Distribution



Red (75%)

Green (52%)

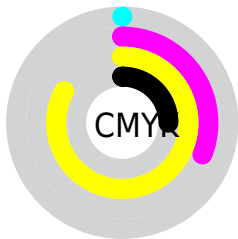
Blue (13%)



Red (49%)

Yellow (75%)

Blue (13%)

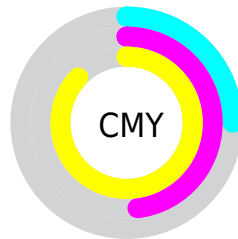


Cyan (0%)

Magenta (31%)

Yellow (83%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 60.237, 76.123 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, 60.237, 76.123 by changing the saturation by 10% instead.

60, 60.237, 76.123

60, 60.237, 76.123

100, 60.237,
76.123

50, 60.237, 76.123

80, 60.237, 76.123

40, 60.237, 76.123

90, 60.237, 76.123

30, 60.237, 76.123

20, 60.237, 76.123

10, 60.237, 76.123

0, 60.237, 76.123

60, 60.237, 76.123

60, 60.237, 76.123

58, 64.625, 73.896

62, 54.093, 77.950

57, 66.702, 72.207

64, 46.971, 79.556

66, 39.420, 81.046

68, 31.758, 82.472

70, 24.153, 83.853

72, 16.688, 85.193

75, 9.397, 86.487

77, 2.289, 87.666

79, 4.641, 269.052

Harmonies

Complementary

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



60, 60.237, 76.123



41, 61.280, 288.336

Rectangle

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



60, 60.237, 76.123



60, 60.237, 126.123



60, 60.237, 256.123



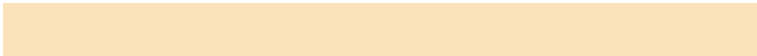
60, 60.237, 306.123

Sweetspot

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



60, 60.236, 76.126



91, 22.243, 84.914



43, 63.910, 5.732



48, 15.240, 84.440



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



60, 60.236, 76.126



73, 81.320, 71.653



74, 74.127, 109.577



40, 4.017, 86.975



48, 58.413, 72.664



8, 12.148, 74.198

Inverse Universe

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



41, 61.280, 288.336



45, 92.698, 295.225



28, 96.306, 305.470



38, 4.000, 269.454



29, 64.585, 294.071



3, 14.616, 278.140

Previews

White Background



This preview shows how the CIELCh color 60, 60.237, 76.123 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, 60.237, 76.123 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, 60.237, 76.123

Background



This preview shows how black text looks on a background with the CIELCh color 60, 60.237, 76.123.



This preview shows how white text looks on a background with the CIELCh color 60, 60.237, 76.123.

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, 60.237, 76.123

Protanopia

60, 56.592, 95.174

Deuteranopia

60, 59.400, 82.636



Tritanopia
60, 30.780, 13.684

Trichromacy



Original Color
60, 60.237, 76.123

Protanomaly
60, 57.147, 87.965

Deuteranomaly
60, 59.442, 80.224

Tritanomaly
60, 36.331, 50.009

Monochromacy



Original Color
60, 60.237, 76.123

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 22.908, 84.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 60.237, 76.123 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(192, 133, 32)` looks like.

```
.text, #text, p{  
    color:rgb(192, 133, 32)  
}
```

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(192, 133, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 133, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 60.237, 76.123 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(192, 133, 32) }
```

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

```
.border{ border-color:rgb(192, 133, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 133, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 133, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 133, 32);  
box-shadow:4px 4px 4px 4px rgb(192, 133,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 60.237, 76.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 133, 32) }
```

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

```
.background{ background-color: rgb(192,  
133, 32) }
```

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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