

Converting Colors

CIELCh(60, 53.438, 79.510)

Have a look what the booklet for
CIELCh(60, 53.438, 79.510) contains.

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Color

CIELCh(60, 53.347, 79.402)

Conversions

Conversions Part 1

Format	Color
Hex	B8882F
RGB	184, 136, 47
RGB Percent	72%, 53%, 18%
CMY	0.2772, 0.4656, 0.8146
CMYK	0.00, 0.26, 0.74, 0.28
HSL	39°, 59%, 45%
HSV	39°, 74%, 72%
XYZ	29.2048, 28.1233, 6.6084
YIQ	140.2060, 57.1770, -17.5030

Conversions

Conversions Part 2

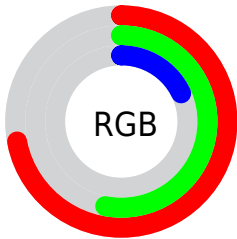
Format	Color
R_{YB}	121, 184, 47
Decimal	12093487
CIE _{Lab}	60.00, 9.81, 52.44
CIE _{LCh}	60, 53.347, 79.402
Yxy	28.1233, 0.4568, 0.4399
Android (android.graphics.Color)	4290283567 (0xFFB8882F)
YUV	140.2060, -45.9506, 38.4073
Hunter-Lab	53.0314, 5.4963, 29.7337

Details

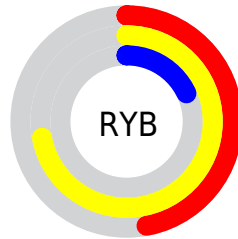
The CIELCh color **60, 53.347, 79.402** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **42, 53.962, 286.319**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 53.269, 79.087**, and **40, 49.373, 78.297** is the 20% darker color. If you saturate the color by 10%, you get **58, 59.058, 77.588**, and if you desaturate by 10%, it is **62, 46.581, 81.006**.

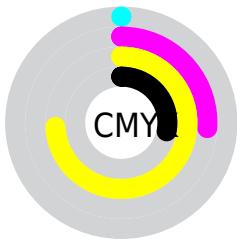
Distribution



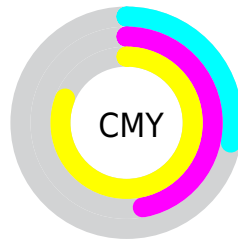
- Red (72%)
- Green (53%)
- Blue (18%)



- Red (47%)
- Yellow (72%)
- Blue (18%)



- Cyan (0%)
- Magenta (26%)
- Yellow (74%)
- Black (28%)



- Cyan (28%)
- Magenta (47%)
- Yellow (81%)
- Black (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 53.347, 79.402 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, 53.347, 79.402 by changing the saturation by 10% instead.

60, 53.347, 79.402

60, 53.347, 79.402

100, 53.347,
79.402

50, 53.347, 79.402

80, 53.347, 79.402

40, 53.347, 79.402

90, 53.347, 79.402

30, 53.347, 79.402

20, 53.347, 79.402

10, 53.347, 79.402

0, 53.347, 79.402

60, 53.347, 79.402

60, 53.347, 79.402

58, 59.058, 77.588

62, 46.581, 81.006

57, 62.976, 75.379

64, 39.317, 82.493

56, 64.642, 74.027

66, 31.886, 83.914

68, 24.469, 85.289

70, 17.157, 86.624

72, 9.991, 87.913

74, 2.986, 89.115

76, 3.859, 270.467

78, 10.551,
271.590

Harmonies

Complementary

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



60, 53.347, 79.402



42, 53.962, 286.319

Rectangle

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



60, 53.347, 79.402



60, 53.347, 129.402



60, 53.347, 259.402



60, 53.347, 309.402

Sweetspot

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



60, 53.346, 79.405



89, 19.150, 86.883



43, 57.632, 3.823



46, 12.899, 86.531



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 53.346, 79.405



73, 75.160, 76.294



71, 67.136, 110.542



38, 3.909, 88.536



47, 57.029, 74.453



6, 9.529, 78.378

Inverse Universe

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



42, 53.962, 286.319



47, 81.383, 292.199



31, 83.912, 304.510



36, 3.901, 270.977



27, 64.849, 295.101



3, 11.649, 276.894

Previews

White Background



This preview shows how the CIELCh color 60, 53.347, 79.402 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, 53.347, 79.402 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, 53.347, 79.402

Background



This preview shows how black text looks on a background with the CIELCh color 60, 53.347, 79.402.



This preview shows how white text looks on a background with the CIELCh color 60, 53.347, 79.402.

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, 53.347, 79.402

Protanopia

60, 50.810, 95.455

Deuteranopia

60, 53.021, 82.009



Tritanopia
60, 26.193, 10.161

Trichromacy



Original Color
60, 53.347, 79.402

Protanomaly
60, 51.209, 89.618

Deuteranomaly
60, 53.061, 80.925

Tritanomaly
60, 30.021, 50.178

Monochromacy



Original Color
60, 53.347, 79.402

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 20.048, 86.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 53.347, 79.402 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(184, 136, 47)` looks like.

```
.text, #text, p{  
    color:rgb(184, 136, 47)  
}
```

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(184, 136, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 136, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 53.347, 79.402 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(184, 136, 47) }
```

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

```
.border{ border-color:rgb(184, 136, 47) }
```

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

Here you see how a box with a 4 pixel rgb(184, 136, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 136, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 136, 47);  
box-shadow:4px 4px 4px 4px rgb(184, 136,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 53.347, 79.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 136, 47) }
```

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

```
.background{ background-color: rgb(184,  
136, 47) }
```

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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