

Converting Colors

CIELCh(59, 53.177, 78.742)

Have a look what the booklet for
CIELCh(59, 53.177, 78.742) contains.

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Color

CIELCh(59, 53.251, 78.637)

Conversions

Conversions Part 1

Format	Color
Hex	B6852D
RGB	182, 133, 45
RGB Percent	71%, 52%, 18%
CMY	0.2850, 0.4773, 0.8224
CMYK	0.00, 0.27, 0.75, 0.29
HSL	39°, 60%, 45%
HSV	39°, 75%, 71%
XYZ	28.2723, 27.0277, 6.2386
YIQ	137.6190, 57.4520, -16.9800

Conversions

Conversions Part 2

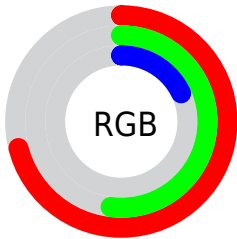
Format	Color
R _Y B	121, 182, 45
Decimal	11961645
CIE Lab	59.00, 10.49, 52.21
CIE LCh	59, 53.251, 78.637
Yxy	27.0277, 0.4594, 0.4392
Android (android.graphics.Color)	4290151725 (0xFFB6852D)
YUV	137.6190, -45.6612, 38.9221
Hunter-Lab	51.9882, 6.0927, 29.2769

Details

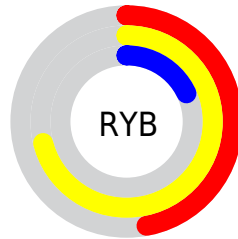
The CIELCh color **59, 53.251, 78.637** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **41, 53.492, 286.053**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 53.187, 78.404**, and **39, 48.737, 77.156** is the 20% darker color. If you saturate the color by 10%, you get **57, 58.852, 76.789**, and if you desaturate by 10%, it is **61, 46.576, 80.258**.

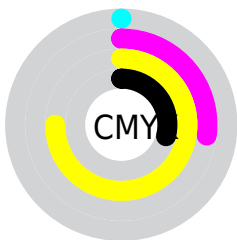
Distribution



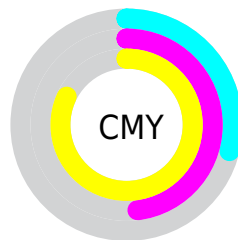
- Red (71%)
- Green (52%)
- Blue (18%)



- Red (47%)
- Yellow (71%)
- Blue (18%)



- Cyan (0%)
- Magenta (27%)
- Yellow (75%)
- Black (29%)



- Cyan (29%)
- Magenta (48%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 53.251, 78.637 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 59, 53.251, 78.637 by changing the saturation by 10% instead.

■ 59, 53.251, 78.637

■ 59, 53.251, 78.637

■ 100, 53.251,
78.637

■ 49, 53.251, 78.637

■ 79, 53.251, 78.637

■ 39, 53.251, 78.637

■ 89, 53.251, 78.637

■ 29, 53.251, 78.637

■ 99, 53.251, 78.637

■ 19, 53.251, 78.637

■ 9, 53.251, 78.637

■ 0, 53.251, 78.637

■ 59, 53.251, 78.637

■ 59, 53.251, 78.637

■ 57, 58.852, 76.789

■ 61, 46.576, 80.258

■ 56, 62.643, 74.520

■ 63, 39.392, 81.754

55, 64.126, 73.364

65, 32.041, 83.181

67, 24.706, 84.561

69, 17.479, 85.901

71, 10.404, 87.196

73, 3.492, 88.414

75, 3.254, 269.774

77, 9.845, 270.894

Harmonies

Complementary

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



59, 53.251, 78.637



41, 53.492, 286.053

Rectangle

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



59, 53.251, 78.637



59, 53.251, 128.637



59, 53.251, 258.637



59, 53.251, 308.637

Sweetspot

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



59, 53.250, 78.640



88, 19.745, 86.134



42, 57.567, 4.071



46, 13.836, 85.658



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



59, 53.250, 78.640



72, 74.907, 75.410



71, 67.051, 110.525



38, 3.881, 87.922



47, 57.027, 73.773



6, 9.469, 77.540

Inverse Universe

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



41, 53.492, 286.053



46, 80.683, 292.080



30, 84.057, 304.616



36, 3.871, 270.372



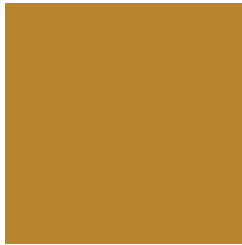
27, 64.068, 294.655



3, 11.580, 276.526

Previews

White Background



This preview shows how the CIELCh color 59, 53.251, 78.637 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 59, 53.251, 78.637 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 59, 53.251, 78.637

Background



This preview shows how black text looks on a background with the CIELCh color 59, 53.251, 78.637.



This preview shows how white text looks on a background with the CIELCh color 59, 53.251, 78.637.

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

59, 53.251, 78.637

Protanopia

59, 50.733, 95.886

Deuteranopia

59, 52.674, 81.708



Tritanopia
59, 26.228, 11.424

Trichromacy



Original Color
59, 53.251, 78.637

Protanomaly
59, 50.820, 89.395

Deuteranomaly
59, 52.940, 80.162

Tritanomaly
59, 30.132, 50.162

Monochromacy



Original Color
59, 53.251, 78.637

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 19.779, 84.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 53.251, 78.637 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(182, 133, 45)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 45)  
}
```

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(182, 133, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 53.251, 78.637 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(182, 133, 45) }
```

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

```
.border{ border-color:rgb(182, 133, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 133, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 133, 45);  
box-shadow:4px 4px 4px 4px rgb(182, 133,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 53.251, 78.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 45) }
```

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

```
.background{ background-color: rgb(182,  
133, 45) }
```

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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