

Converting Colors

CIELCh(44, 53.765, 19.626)

Have a look what the booklet for
CIELCh(44, 53.765, 19.626) contains.

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Color

CIELCh(44, 53.715, 19.512)

Conversions

Conversions Part 1

Format	Color
Hex	B73C4D
RGB	183, 60, 77
RGB Percent	72%, 24%, 30%
CMY	0.2823, 0.7646, 0.6980
CMYK	0.00, 0.67, 0.58, 0.28
HSL	352°, 51%, 48%
HSV	352°, 67%, 72%
XYZ	22.4885, 13.8382, 8.5090
YIQ	98.7150, 67.8510, 31.3630

Conversions

Conversions Part 2

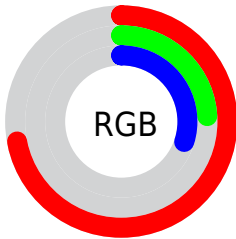
Format	Color
RYB	183, 60, 77
Decimal	12008525
CIELab	44.00, 50.63, 17.94
CIElCh	44, 53.715, 19.512
Yxy	13.8382, 0.5016, 0.3086
Android (android.graphics.Color)	4290198605 (0xFFB73C4D)
YUV	98.7150, -10.7055, 73.9179
Hunter-Lab	37.1997, 42.8100, 12.4779

Details

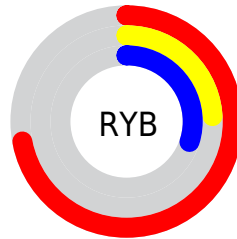
The CIELCh color **44, 53.715, 19.512** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **68, 37.601, 181.886**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 53.930, 19.254**, and **25, 51.648, 21.951** is the 20% darker color. If you saturate the color by 10%, you get **41, 61.255, 23.215**, and if you desaturate by 10%, it is **47, 45.584, 16.552**.

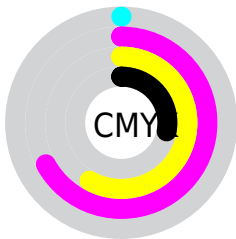
Distribution



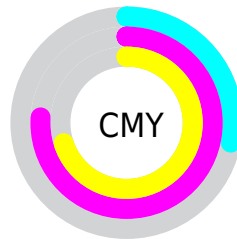
- Red (72%)
- Green (24%)
- Blue (30%)



- Red (72%)
- Yellow (24%)
- Blue (30%)



- Cyan (0%)
- Magenta (67%)
- Yellow (58%)
- Black (28%)



- Cyan (28%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 53.715, 19.512 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 44, 53.715, 19.512 by changing the saturation by 10% instead.

■ 44, 53.715, 19.512

■ 44, 53.715, 19.512

■ 100, 53.715,
19.512

■ 34, 53.715, 19.512

■ 64, 53.715, 19.512

■ 24, 53.715, 19.512

■ 74, 53.715, 19.512

■ 14, 53.715, 19.512

■ 84, 53.715, 19.512

■ 4, 53.715, 19.512

■ 94, 53.715, 19.512

■ 0, 53.715, 19.512

■ 44, 53.715, 19.512

■ 44, 53.715, 19.512

■ 41, 61.255, 23.215

■ 47, 45.584, 16.552

■ 39, 68.002, 27.648

■ 51, 37.160, 14.213

38, 73.862, 32.460

56, 28.722, 12.361

38, 75.438, 33.657

61, 20.489, 10.874

66, 12.599, 9.656

71, 5.121, 8.603

76, 1.923, 188.117

81, 8.541, 187.202

86, 14.761,
186.557

Harmonies

Complementary

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



44, 53.715, 19.512



68, 37.601, 181.886

Rectangle

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



44, 53.715, 19.512



44, 53.715, 69.512



44, 53.715, 199.512



44, 53.715, 249.512

Sweetspot

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



44, 53.712, 19.514



81, 18.243, 10.013



45, 74.669, 322.896



42, 12.647, 10.351



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 53.712, 19.514



52, 78.721, 25.409



52, 47.142, 53.111



36, 4.063, 8.823



32, 66.433, 32.985



2, 10.773, 11.065

Inverse Universe

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



44, 53.712, 19.514



52, 78.721, 25.409



55, 31.520, 250.395



36, 4.063, 8.823



32, 66.433, 32.985



2, 10.773, 11.065

Previews

White Background



This preview shows how the CIELCh color 44, 53.715, 19.512 looks on a white 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

Black Background



This preview shows how the CIE LCh color 44, 53.715, 19.512 looks on a black 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

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

CIELCh 44, 53.715, 19.512

Background



This preview shows how black text looks on a background with the CIELCh color 44, 53.715, 19.512.



This preview shows how white text looks on a background with the CIELCh color 44, 53.715, 19.512.

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

44, 53.715, 19.512

Protanopia

44, 3.948, 84.270

Deuteranopia

44, 21.065, 73.951



Tritanopia
44, 54.531, 26.732

Trichromacy



Original Color
44, 53.715, 19.512

Protanomaly
43, 20.873, 19.159

Deuteranomaly
43, 29.894, 36.743

Tritanomaly
44, 54.062, 23.999

Monochromacy



Original Color
44, 53.715, 19.512

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 20.037, 12.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 53.715, 19.512 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(183, 60, 77)` looks like.

```
.text, #text, p{  
    color:rgb(183, 60, 77)  
}
```

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(183, 60, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 60, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 53.715, 19.512 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(183, 60, 77) }
```

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

```
.border{ border-color:rgb(183, 60, 77) }
```

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

Here you see how a box with a 4 pixel rgb(183, 60, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 60, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 60, 77);  
box-shadow:4px 4px 4px 4px rgb(183, 60,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 53.715, 19.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 60, 77) }
```

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

```
.background{ background-color: rgb(183, 60,  
77) }
```

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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