

Converting Colors

CIELCh(46, 56.282, 20.736)

Have a look what the booklet for
CIELCh(46, 56.282, 20.736) contains.

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Color

CIELCh(46, 56.074, 20.650)

Conversions

Conversions Part 1

Format	Color
Hex	C03F4F
RGB	192, 63, 79
RGB Percent	75%, 25%, 31%
CMY	0.2480, 0.7538, 0.6909
CMYK	0.00, 0.67, 0.59, 0.25
HSL	353°, 51%, 50%
HSV	353°, 67%, 75%
XYZ	24.8490, 15.2687, 9.0001
YIQ	103.3950, 71.7480, 32.3240

Conversions

Conversions Part 2

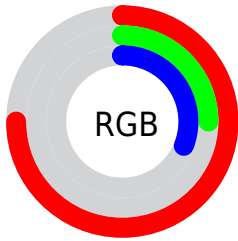
Format	Color
R_{YB}	192, 63, 79
Decimal	12599119
CIE _{Lab}	46.00, 52.47, 19.77
CIE _{LCh}	46, 56.074, 20.650
Yxy	15.2687, 0.5059, 0.3109
Android (android.graphics.Color)	4290789199 (0xFFC03F4F)
YUV	103.3950, -12.0267, 77.7066
Hunter-Lab	39.0751, 45.1316, 13.6964

Details

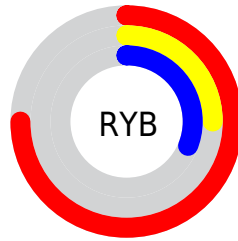
The CIELCh color **46, 56.074, 20.650** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **71, 38.592, 183.224**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 55.885, 20.654**, and **27, 54.177, 22.426** is the 20% darker color. If you saturate the color by 10%, you get **43, 64.038, 24.376**, and if you desaturate by 10%, it is **50, 47.524, 17.665**.

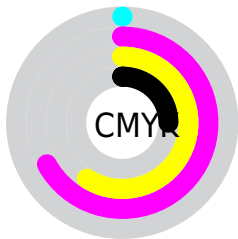
Distribution



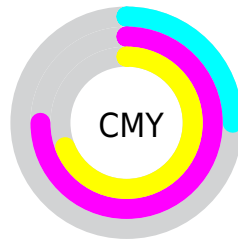
- Red (75%)
- Green (25%)
- Blue (31%)



- Red (75%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (67%)
- Yellow (59%)
- Black (25%)



- Cyan (25%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 56.074, 20.650 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 46, 56.074, 20.650 by changing the saturation by 10% instead.

■ 46, 56.074, 20.650

■ 46, 56.074, 20.650

■ 100, 56.074,
20.650

■ 36, 56.074, 20.650

■ 66, 56.074, 20.650

■ 26, 56.074, 20.650

■ 76, 56.074, 20.650

■ 16, 56.074, 20.650

■ 86, 56.074, 20.650

■ 6, 56.074, 20.650

■ 96, 56.074, 20.650

■ 0, 56.074, 20.650

■ 46, 56.074, 20.650

■ 46, 56.074, 20.650

■ 43, 64.038, 24.376

■ 50, 47.524, 17.665

■ 41, 71.192, 28.802

■ 54, 38.696, 15.309

40, 77.362, 33.521

58, 29.881, 13.448

40, 78.952, 34.650

63, 21.302, 11.962

68, 13.099, 10.749

74, 5.341, 9.707

79, 1.952, 189.241

85, 8.793, 188.335

90, 15.212,
187.705

Harmonies

Complementary

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



46, 56.074, 20.650



71, 38.592, 183.224

Rectangle

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



46, 56.074, 20.650



46, 56.074, 70.650



46, 56.074, 200.650



46, 56.074, 250.650

Sweetspot

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



46, 56.071, 20.652



85, 18.997, 11.097



47, 77.620, 323.428



43, 13.066, 11.437



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



46, 56.071, 20.652



55, 82.687, 26.536



55, 48.803, 54.575



38, 4.236, 9.923



33, 68.742, 33.978



3, 14.120, 12.648

Inverse Universe

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



46, 56.071, 20.652



55, 82.687, 26.536



57, 33.298, 253.015



38, 4.236, 9.923



33, 68.742, 33.978



3, 14.120, 12.648

Previews

White Background



This preview shows how the CIELCh color 46, 56.074, 20.650 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 CIELCh color 46, 56.074, 20.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

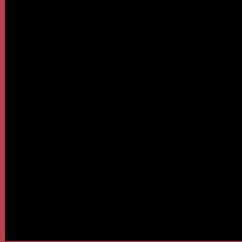
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 56.074, 20.650

Background



This preview shows how black text looks on a background with the CIELCh color 46, 56.074, 20.650.



This preview shows how white text looks on a background with the CIELCh color 46, 56.074, 20.650.

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
46, 56.074, 20.650

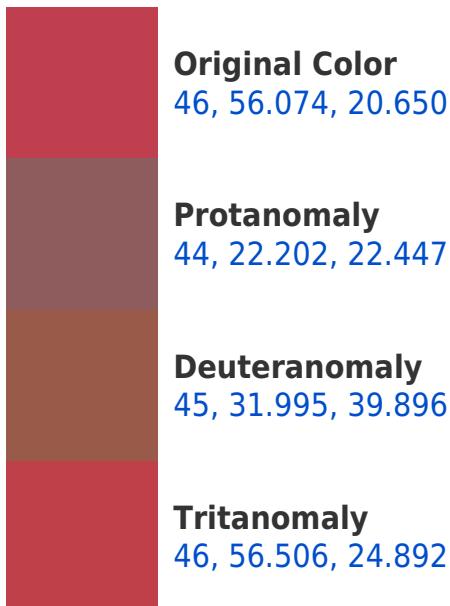
Protanopia
46, 5.720, 87.681

Deuteranopia
46, 23.427, 74.889



Tritanopia
46, 57.013, 27.467

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 56.074, 20.650 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, 63, 79)` looks like.

```
.text, #text, p{  
    color:rgb(192, 63, 79)  
}
```

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, 63, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 63, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 56.074, 20.650 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, 63, 79) }
```

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

```
.border{ border-color:rgb(192, 63, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 63, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 63, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 63, 79);  
box-shadow:4px 4px 4px 4px rgb(192, 63,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 56.074, 20.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 63, 79) }
```

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

```
.background{ background-color: rgb(192, 63,  
79) }
```

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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