

Converting Colors

CIELCh(47, 52.464, 12.442)

Have a look what the booklet for
CIELCh(47, 52.464, 12.442) contains.

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Color

CIELCh(47, 52.553, 12.385)

Conversions

Conversions Part 1

Format	Color
Hex	BF445F
RGB	191, 68, 95
RGB Percent	75%, 27%, 37%
CMY	0.2512, 0.7336, 0.6277
CMYK	0.00, 0.64, 0.50, 0.25
HSL	347°, 49%, 51%
HSV	347°, 64%, 75%
XYZ	25.5952, 16.0195, 12.5564
YIQ	107.8550, 64.6410, 34.4730

Conversions

Conversions Part 2

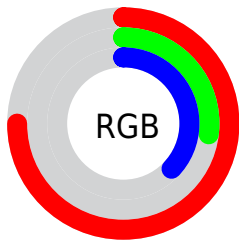
Format	Color
R_{YB}	191, 68, 95
Decimal	12534879
CIE Lab	47.00, 51.33, 11.27
CIE LCh	47, 52.553, 12.385
Yxy	16.0195, 0.4725, 0.2957
Android (android.graphics.Color)	4290724959 (0xFFBF445F)
YUV	107.8550, -6.3375, 72.9182
Hunter-Lab	40.0243, 44.1067, 9.4165

Details

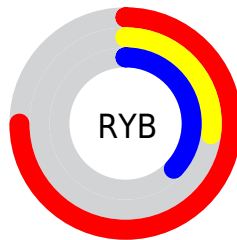
The CIELCh color **47, 52.553, 12.385** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **70, 40.563, 174.831**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 52.522, 12.300**, and **27, 52.135, 12.788** is the 20% darker color. If you saturate the color by 10%, you get **44, 59.763, 15.831**, and if you desaturate by 10%, it is **51, 44.569, 9.662**.

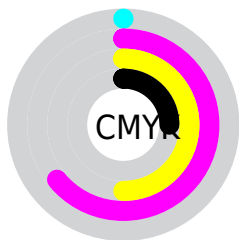
Distribution



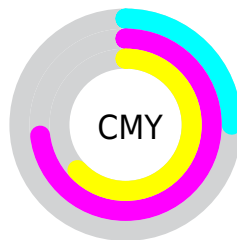
- Red (75%)
- Green (27%)
- Blue (37%)



- Red (75%)
- Yellow (27%)
- Blue (37%)



- Cyan (0%)
- Magenta (64%)
- Yellow (50%)
- Black (25%)



- Cyan (25%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 52.553, 12.385 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 47, 52.553, 12.385 by changing the saturation by 10% instead.

■ 47, 52.553, 12.385

■ 47, 52.553, 12.385

■ 100, 52.553,
12.385

■ 37, 52.553, 12.385

■ 67, 52.553, 12.385

■ 27, 52.553, 12.385

■ 77, 52.553, 12.385

■ 17, 52.553, 12.385

■ 87, 52.553, 12.385

■ 7, 52.553, 12.385

■ 97, 52.553, 12.385

■ 0, 52.553, 12.385

■ 47, 52.553, 12.385

■ 47, 52.553, 12.385

■ 44, 59.763, 15.831

■ 51, 44.569, 9.662

■ 42, 65.970, 20.113

■ 55, 36.157, 7.501

40, 71.165, 25.198

60, 27.628, 5.762

40, 73.906, 28.089

65, 19.221, 4.335

70, 11.089, 3.134

75, 3.314, 2.026

80, 4.074, 181.425

86, 11.074,
180.590

91, 17.703,
179.901

Harmonies

Complementary

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



47, 52.553, 12.385



70, 40.563, 174.831

Rectangle

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



47, 52.553, 12.385



47, 52.553, 62.385



47, 52.553, 192.385



47, 52.553, 242.385

Sweetspot

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



47, 52.550, 12.387



85, 18.249, 3.698



46, 74.340, 320.243



44, 12.745, 4.053



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



47, 52.550, 12.387



56, 75.618, 17.359



53, 47.937, 46.040



37, 4.265, 2.580



33, 63.831, 27.219



3, 12.583, 6.972

Inverse Universe

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



47, 52.550, 12.387



56, 75.618, 17.359



61, 29.932, 236.211



37, 4.265, 2.580



33, 63.831, 27.219



3, 12.583, 6.972

Previews

White Background



This preview shows how the CIELCh color 47, 52.553, 12.385 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 47, 52.553, 12.385 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 47, 52.553, 12.385

Background



This preview shows how black text looks on a background with the CIELCh color 47, 52.553, 12.385.



This preview shows how white text looks on a background with the CIELCh color 47, 52.553, 12.385.

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

47, 52.553, 12.385

Protanopia

47, 4.172, 296.217

Deuteranopia

47, 15.315, 66.530



Tritanopia
47, 52.923, 25.617

Trichromacy



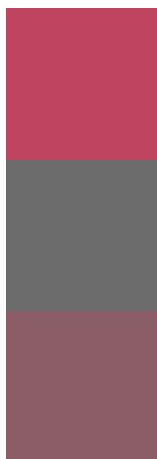
Original Color
47, 52.553, 12.385

Protanomaly
46, 21.065, 357.679

Deuteranomaly
46, 26.909, 25.481

Tritanomaly
47, 52.127, 20.926

Monochromacy



Original Color
47, 52.553, 12.385

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 20.004, 5.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 52.553, 12.385 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(191, 68, 95)` looks like.

```
.text, #text, p{  
    color:rgb(191, 68, 95)  
}
```

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(191, 68, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 68, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 52.553, 12.385 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(191, 68, 95) }
```

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

```
.border{ border-color:rgb(191, 68, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 68, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 68, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 68, 95);  
box-shadow:4px 4px 4px 4px rgb(191, 68,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 52.553, 12.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 68, 95) }
```

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

```
.background{ background-color: rgb(191, 68,  
95) }
```

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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