

Converting Colors

CIELCh(47, 61.853, 13.284)

Have a look what the booklet for
CIELCh(47, 61.853, 13.284) contains.

CIELCh(47, 61.733, 13.244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(47, 61.733, 13.244)

Conversions

Conversions Part 1

Format	Color
Hex	CB365B
RGB	203, 54, 91
RGB Percent	80%, 21%, 36%
CMY	0.2050, 0.7893, 0.6440
CMYK	0.00, 0.74, 0.55, 0.21
HSL	345°, 59%, 50%
HSV	345°, 74%, 79%
XYZ	27.7358, 16.0195, 11.4778
YIQ	102.7690, 76.9270, 43.0950

Conversions

Conversions Part 2

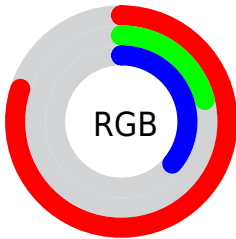
Format	Color
R_{YB}	203, 54, 91
Decimal	13317723
CIE _{Lab}	47.00, 60.09, 14.14
CIE _{LCh}	47, 61.733, 13.244
Yxy	16.0195, 0.5022, 0.2900
Android (android.graphics.Color)	4291507803 (0xFFCB365B)
YUV	102.7690, -5.8021, 87.9026
Hunter-Lab	40.0243, 53.6532, 11.0144

Details

The CIELCh color **47, 61.733, 13.244** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **74, 47.737, 170.983**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 58.117, 11.610**, and **29, 55.796, 17.606** is the 20% darker color. If you saturate the color by 10%, you get **45, 67.964, 17.432**, and if you desaturate by 10%, it is **50, 54.347, 9.907**.

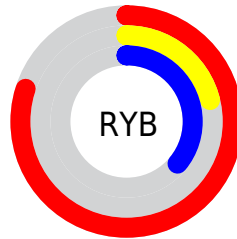
Distribution



Red (80%)

Green (21%)

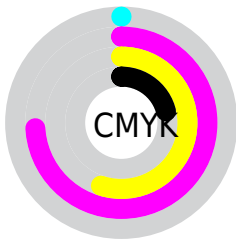
Blue (36%)



Red (80%)

Yellow (21%)

Blue (36%)

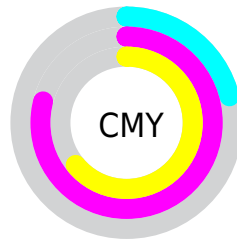


Cyan (0%)

Magenta (74%)

Yellow (55%)

Black (21%)



Cyan (21%)

Magenta (79%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 61.733, 13.244 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, 61.733, 13.244 by changing the saturation by 10% instead.

 47, 61.733, 13.244

 47, 61.733, 13.244

 100, 61.733,
13.244

 37, 61.733, 13.244

 67, 61.733, 13.244

 27, 61.733, 13.244

 77, 61.733, 13.244

 17, 61.733, 13.244

 87, 61.733, 13.244

 7, 61.733, 13.244

 97, 61.733, 13.244

 0, 61.733, 13.244

 47, 61.733, 13.244

 47, 61.733, 13.244

 45, 67.964, 17.432

 50, 54.347, 9.907

 43, 73.038, 22.487

 54, 46.088, 7.270

43, 76.042, 25.971

59, 37.323, 5.173

63, 28.398, 3.477

69, 19.570, 2.076

74, 11.004, 0.886

80, 2.789, 359.752

85, 5.037, 179.160

91, 12.470,
178.335

Harmonies

Complementary

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



47, 61.733, 13.244



74, 47.737, 170.983

Rectangle

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



47, 61.733, 13.244



47, 61.733, 63.244



47, 61.733, 193.244



47, 61.733, 243.244

Sweetspot

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



47, 61.730, 13.246



85, 22.017, 1.923



46, 86.329, 319.799



44, 14.875, 2.277



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 61.730, 13.246



55, 84.372, 20.206



52, 59.591, 45.071



40, 4.603, 0.437



34, 65.062, 25.072



4, 18.362, 7.351

Inverse Universe

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



47, 61.730, 13.246



55, 84.372, 20.206



63, 33.755, 236.079



40, 4.603, 0.437



34, 65.062, 25.072



4, 18.362, 7.351

Previews

White Background



This preview shows how the CIELCh color 47, 61.733, 13.244 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, 61.733, 13.244 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, 61.733, 13.244

Background



This preview shows how black text looks on a background with the CIELCh color 47, 61.733, 13.244.



This preview shows how white text looks on a background with the CIELCh color 47, 61.733, 13.244.

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





Tritanopia
47, 63.567, 29.055

Trichromacy



Original Color
47, 61.733, 13.244

Protanomaly
45, 25.367, 357.108

Deuteranomaly
46, 31.732, 25.929

Tritanomaly
47, 62.418, 23.645

Monochromacy



Original Color
47, 61.733, 13.244

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 24.860, 3.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 61.733, 13.244 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(203, 54, 91)` looks like.

```
.text, #text, p{  
    color:rgb(203, 54, 91)  
}
```

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(203, 54, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 54, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 61.733, 13.244 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(203, 54, 91) }
```

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

```
.border{ border-color:rgb(203, 54, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 54, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 54, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 54, 91);  
box-shadow:4px 4px 4px 4px rgb(203, 54,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 61.733, 13.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 54, 91) }
```

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

```
.background{ background-color: rgb(203, 54,  
91) }
```

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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