

Converting Colors

CIELCh(47, 63.214, 12.182)

Have a look what the booklet for
CIELCh(47, 63.214, 12.182) contains.

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Color

CIELCh(47, 63.496, 12.261)

Conversions

Conversions Part 1

Format	Color
Hex	CD325C
RGB	205, 50, 92
RGB Percent	80%, 20%, 36%
CMY	0.1963, 0.8041, 0.6394
CMYK	0.00, 0.76, 0.55, 0.20
HSL	344°, 61%, 50%
HSV	344°, 76%, 80%
XYZ	28.2296, 16.0195, 11.7195
YIQ	101.1330, 78.8980, 45.9220

Conversions

Conversions Part 2

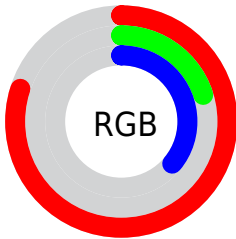
Format	Color
RYB	205, 50, 92
Decimal	13447772
CIELab	47.00, 62.05, 13.48
CIELCh	47, 63.496, 12.261
Yxy	16.0195, 0.5044, 0.2862
Android (android.graphics.Color)	4291637852 (0xFFCD325C)
YUV	101.1330, -4.5026, 91.0914
Hunter-Lab	40.0243, 55.8554, 10.6563

Details

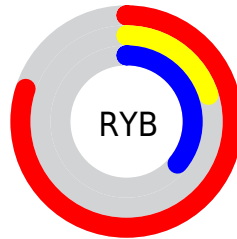
The CIELCh color **47, 63.496, 12.261** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **74, 50.144, 168.817**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 58.901, 10.441**, and **30, 56.335, 17.458** is the 20% darker color. If you saturate the color by 10%, you get **45, 69.243, 16.582**, and if you desaturate by 10%, it is **50, 56.474, 8.815**.

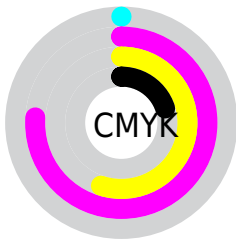
Distribution



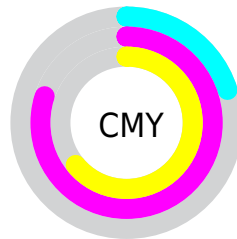
- Red (80%)
- Green (20%)
- Blue (36%)



- Red (80%)
- Yellow (20%)
- Blue (36%)



- Cyan (0%)
- Magenta (76%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (80%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 63.496, 12.261 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, 63.496, 12.261 by changing the saturation by 10% instead.

 47, 63.496, 12.261

 47, 63.496, 12.261

 100, 63.496,
12.261

 37, 63.496, 12.261

 67, 63.496, 12.261

 27, 63.496, 12.261

 77, 63.496, 12.261

 17, 63.496, 12.261

 87, 63.496, 12.261

 7, 63.496, 12.261

 97, 63.496, 12.261

 0, 63.496, 12.261

 47, 63.496, 12.261

 47, 63.496, 12.261

 45, 69.243, 16.582

 50, 56.474, 8.815

 44, 73.797, 21.782

 54, 48.426, 6.093

43, 75.701, 24.121

58, 39.727, 3.930

63, 30.751, 2.182

68, 21.787, 0.740

74, 13.029,
359.518

79, 4.591, 358.415

85, 3.477, 177.768

91, 11.158,
176.876

Harmonies

Complementary

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



47, 63.496, 12.261



74, 50.144, 168.817

Rectangle

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



47, 63.496, 12.261



47, 63.496, 62.261



47, 63.496, 192.261



47, 63.496, 242.261

Sweetspot

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



47, 63.493, 12.263



85, 23.250, 0.438



45, 88.913, 318.760



43, 16.198, 0.917



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, 63.493, 12.263



55, 85.283, 19.890



51, 63.284, 42.963



40, 4.649, 358.831



35, 64.266, 23.170



4, 18.438, 6.310

Inverse Universe

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



47, 63.493, 12.263



55, 85.283, 19.890



65, 34.242, 230.798



40, 4.649, 358.831



35, 64.266, 23.170



4, 18.438, 6.310

Previews

White Background



This preview shows how the CIELCh color 47, 63.496, 12.261 looks on a white background.

Color Contrast Check

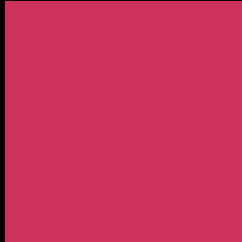
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.496, 12.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

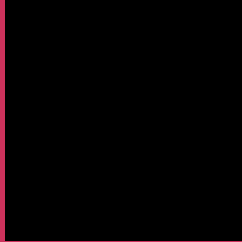
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 63.496, 12.261

Background



This preview shows how black text looks on a background with the CIELCh color 47, 63.496, 12.261.



This preview shows how white text looks on a background with the CIELCh color 47, 63.496, 12.261.

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](#).

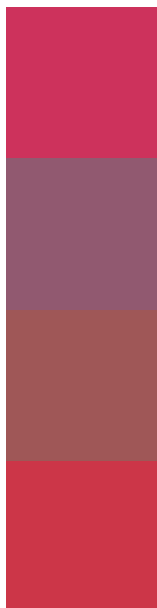
Dichromacy





Tritanopia
47, 65.812, 29.721

Trichromacy



Original Color
47, 63.496, 12.261

Protanomaly
45, 26.587, 352.837

Deuteranomaly
45, 32.411, 24.048

Tritanomaly
47, 64.407, 23.334

Monochromacy



Original Color
47, 63.496, 12.261

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 25.975, 2.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 63.496, 12.261 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(205, 50, 92)` looks like.

```
.text, #text, p{  
    color:rgb(205, 50, 92)  
}
```

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(205, 50, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 50, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 63.496, 12.261 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(205, 50, 92) }
```

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

```
.border{ border-color:rgb(205, 50, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 50, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 50, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 50, 92);  
box-shadow:4px 4px 4px 4px rgb(205, 50,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 63.496, 12.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 50, 92) }
```

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

```
.background{ background-color: rgb(205, 50,  
92) }
```

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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