

Converting Colors

CIELCh(47, 65.341, 9.348)

Have a look what the booklet for
CIELCh(47, 65.341, 9.348) contains.

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Color

CIELCh(47, 65.305, 9.175)

Conversions

Conversions Part 1

Format	Color
Hex	CF2D61
RGB	207, 45, 97
RGB Percent	81%, 18%, 38%
CMY	0.1880, 0.8232, 0.6194
CMYK	0.00, 0.78, 0.53, 0.19
HSL	341°, 64%, 49%
HSV	341°, 78%, 81%
XYZ	28.8488, 16.0195, 12.8916
YIQ	99.3660, 79.8600, 50.5160

Conversions

Conversions Part 2

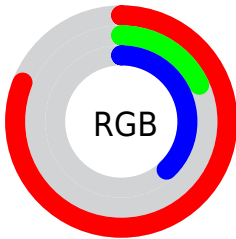
Format	Color
R_{YB}	207, 45, 97
Decimal	13577569
CIE Lab	47.00, 64.47, 10.41
CIE LCh	47, 65.305, 9.175
Yxy	16.0195, 0.4995, 0.2773
Android (android.graphics.Color)	4291767649 (0xFFCF2D61)
YUV	99.3660, -1.1664, 94.3950
Hunter-Lab	40.0243, 58.6173, 8.9200

Details

The CIELCh color **47, 65.305, 9.175** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **75, 54.408, 164.563**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 60.188, 6.939**, and **30, 56.491, 15.401** is the 20% darker color. If you saturate the color by 10%, you get **45, 70.141, 13.538**, and if you desaturate by 10%, it is **50, 58.981, 5.705**.

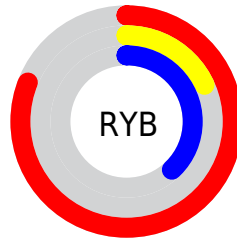
Distribution



Red (81%)

Green (18%)

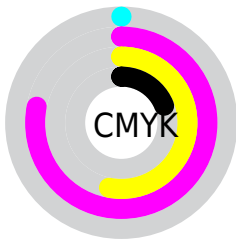
Blue (38%)



Red (81%)

Yellow (18%)

Blue (38%)

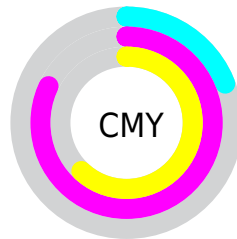


Cyan (0%)

Magenta (78%)

Yellow (53%)

Black (19%)



Cyan (19%)


Magenta (82%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 65.305, 9.175 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, 65.305, 9.175 by changing the saturation by 10% instead.



 47, 65.305, 9.175  47, 65.305, 9.175

 100, 65.305, 9.175  37, 65.305, 9.175

 67, 65.305, 9.175  27, 65.305, 9.175

 77, 65.305, 9.175  17, 65.305, 9.175

 87, 65.305, 9.175  7, 65.305, 9.175

 97, 65.305, 9.175  0, 65.305, 9.175

 47, 65.305, 9.175  47, 65.305, 9.175

 45, 70.141, 13.538  50, 58.981, 5.705

 44, 73.761, 18.758  53, 51.375, 2.968

 44, 74.411, 19.688  58, 42.875, 0.792

63, 33.894,
359.030

68, 24.774,
357.570

73, 15.753,
356.331

79, 6.980, 355.236

84, 1.465, 174.710

90, 9.550, 173.611

Harmonies

Complementary

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



47, 65.305, 9.175



75, 54.408, 164.563

Rectangle

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



47, 65.305, 9.175



47, 65.305, 59.175



47, 65.305, 189.175



47, 65.305, 239.175

Sweetspot

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



47, 65.302, 9.177



85, 23.733, 356.934



43, 91.971, 317.222



43, 16.515, 357.399



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, 65.302, 9.177



54, 85.052, 17.095



50, 68.153, 40.319



41, 4.863, 355.363



35, 63.512, 18.777



4, 20.578, 4.493

Inverse Universe

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



47, 65.302, 9.177



54, 85.052, 17.095



68, 35.143, 222.491



41, 4.863, 355.363



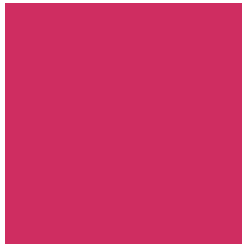
35, 63.512, 18.777



4, 20.578, 4.493

Previews

White Background



This preview shows how the CIELCh color 47, 65.305, 9.175 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, 65.305, 9.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

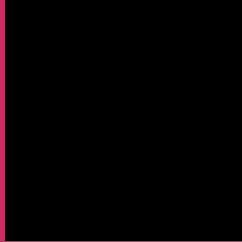
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 65.305, 9.175

Background



This preview shows how black text looks on a background with the CIELCh color 47, 65.305, 9.175.



This preview shows how white text looks on a background with the CIELCh color 47, 65.305, 9.175.

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, 65.305, 9.175

Protanopia

47, 11.865, 286.323

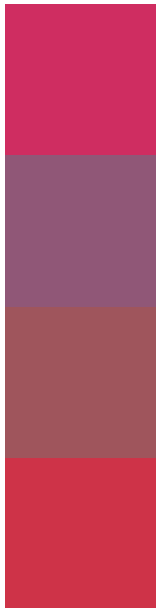
Deuteranopia

47, 15.315, 66.530



Tritanopia
47, 67.809, 30.641

Trichromacy



Original Color
47, 65.305, 9.175

Protanomaly
44, 29.441, 343.973

Deuteranomaly
45, 32.738, 17.276

Tritanomaly
47, 65.907, 22.868

Monochromacy



Original Color
47, 65.305, 9.175

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 27.289, 359.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 65.305, 9.175 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(207, 45, 97)` looks like.

```
.text, #text, p{  
    color:rgb(207, 45, 97)  
}
```

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(207, 45, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 45, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 65.305, 9.175 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(207, 45, 97) }
```

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

```
.border{ border-color:rgb(207, 45, 97) }
```

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

Here you see how a box with a 4 pixel rgb(207, 45, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 45, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 45, 97);  
box-shadow:4px 4px 4px 4px rgb(207, 45,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 65.305, 9.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 45, 97) }
```

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

```
.background{ background-color: rgb(207, 45,  
97) }
```

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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