

Converting Colors

CIELCh(44, 91.244, 326.122)

Have a look what the booklet for
CIELCh(44, 91.244, 326.122)
contains.

CIELCh(44, 91.213, 326.067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 91.213, 326.067)

Conversions

Conversions Part 1

Format	Color
Hex	B410BE
RGB	180, 16, 190
RGB Percent	71%, 6%, 75%
CMY	0.2928, 0.9379, 0.2537
CMYK	0.05, 0.92, 0.00, 0.25
HSL	297°, 85%, 40%
HSV	297°, 92%, 75%
XYZ	28.4076, 13.8382, 50.0634
YIQ	84.8720, 41.8900, 88.8820

Conversions

Conversions Part 2

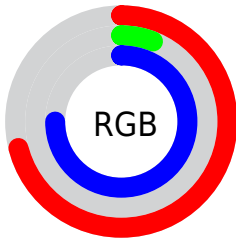
Format	Color
R_{YB}	180, 16, 190
Decimal	11800766
CIE _{Lab}	44.00, 75.68, -50.92
CIE _{LCh}	44, 91.213, 326.067
Yxy	13.8382, 0.3077, 0.1499
Android (android.graphics.Color)	4289990846 (0xFFB410BE)
YUV	84.8720, 51.8281, 83.4273
Hunter-Lab	37.1997, 71.2121, -53.7527

Details

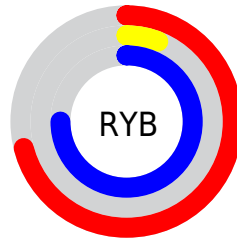
The CIELCh color **44, 91.213, 326.067** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **67, 93.604, 135.991**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 91.225, 326.160**, and **29, 72.922, 324.341** is the 20% darker color. If you saturate the color by 10%, you get **43, 93.031, 325.988**, and if you desaturate by 10%, it is **45, 87.302, 326.069**.

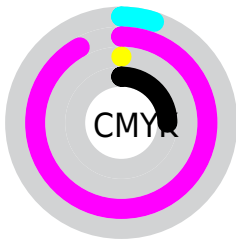
Distribution



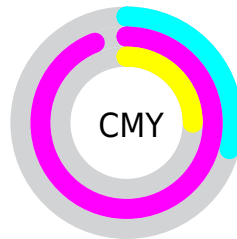
- Red (71%)
- Green (6%)
- Blue (75%)



- Red (71%)
- Yellow (6%)
- Blue (75%)



- Cyan (5%)
- Magenta (92%)
- Yellow (0%)
- Black (25%)





- Cyan (29%)
- Magenta (94%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 91.213, 326.067 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 44, 91.213, 326.067 by changing the saturation by 10% instead.


 44, 91.213,
326.067


 44, 91.213,
326.067


 100, 91.213,
326.067


 34, 91.213,
326.067

 64, 91.213,
326.067


 24, 91.213,
326.067

 74, 91.213,
326.067

 14, 91.213,
326.067

 84, 91.213,
326.067

 4, 91.213, 326.067

 94, 91.213,
326.067

 0, 91.213, 326.067

 44, 91.213,

 44, 91.213,

326.067

326.067

■ 43, 93.031,
325.988

■ 45, 87.302,
326.069

■ 47, 81.033,
325.943

■ 50, 72.639,
325.701

■ 54, 62.557,
325.362

■ 58, 51.283,
324.950

■ 62, 39.273,
324.486

■ 66, 26.898,
323.991

■ 71, 14.433,
323.478

Harmonies

Complementary

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



44, 91.213, 326.067



67, 93.604, 135.991

Rectangle

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



44, 91.213, 326.067



44, 91.213, 16.067



44, 91.213, 146.067



44, 91.213, 196.067

Sweetspot

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



44, 91.211, 326.067



81, 42.986, 324.329



26, 98.915, 304.372



41, 29.877, 324.541



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 91.211, 326.067



56, 113.293, 325.952



42, 68.439, 353.265



37, 6.944, 323.355



36, 81.098, 326.018



3, 20.853, 322.954

Inverse Universe

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



40, 76.751, 35.002



52, 99.962, 38.361



68, 72.455, 147.770



37, 4.102, 15.288



32, 70.621, 37.318



3, 12.281, 16.110

Previews

White Background



This preview shows how the CIELCh color 44, 91.213, 326.067 looks on a white background.

Color Contrast Check

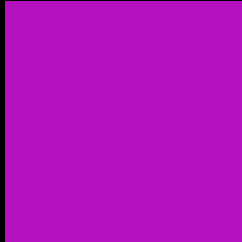
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 91.213, 326.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

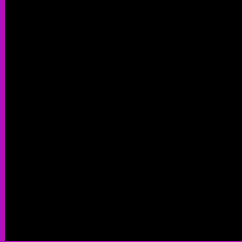
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 91.213, 326.067

Background



This preview shows how black text looks on a background with the CIELCh color 44, 91.213, 326.067.



This preview shows how white text looks on a background with the CIELCh color 44, 91.213, 326.067.

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

44, 91.073, 326.058

Protanopia

45, 67.491, 286.952

Deuteranopia

45, 44.553, 279.049



Tritanopia
44, 41.343, 22.099

Trichromacy



Original Color
44, 91.073, 326.058

Protanomaly
38, 81.397, 300.231

Deuteranomaly
39, 66.734, 304.847

Tritanomaly
42, 55.341, 347.696

Monochromacy



Original Color
44, 91.073, 326.058

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 43.684, 325.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 91.213, 326.067 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(180, 16, 190)` looks like.

```
.text, #text, p{  
    color:rgb(180, 16, 190)  
}
```

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(180, 16, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 16, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 91.213, 326.067 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(180, 16, 190) }
```

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

```
.border{ border-color:rgb(180, 16, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 16, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 16, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 16, 190);  
box-shadow:4px 4px 4px 4px rgb(180, 16,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 91.213, 326.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 16, 190) }
```

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

```
.background{ background-color: rgb(180, 16,  
190) }
```

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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