

Converting Colors

CIELCh(45, 93.145, 327.610)

Have a look what the booklet for
CIELCh(45, 93.145, 327.610)
contains.

CIELCh(45, 92.951, 327.606)	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(45, 92.951, 327.606)

Conversions

Conversions Part 1

Format	Color
Hex	BC02BF
RGB	188, 2, 191
RGB Percent	74%, 1%, 75%
CMY	0.2617, 0.9923, 0.2499
CMYK	0.02, 0.99, 0.00, 0.25
HSL	299°, 98%, 38%
HSV	299°, 99%, 75%
XYZ	30.2611, 14.5417, 50.6537
YIQ	79.1600, 50.1870, 98.2110

Conversions

Conversions Part 2

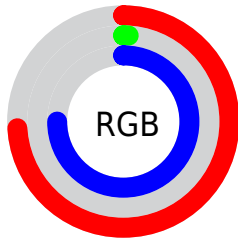
Format	Color
RYB	188, 2, 191
Decimal	12321471
CIELab	45.00, 78.49, -49.80
CIElCh	45, 92.951, 327.606
Yxy	14.5417, 0.3170, 0.1523
Android (android.graphics.Color)	4290511551 (0xFFBC02BF)
YUV	79.1600, 55.1371, 95.4527
Hunter-Lab	38.1336, 74.9159, -52.0628

Details

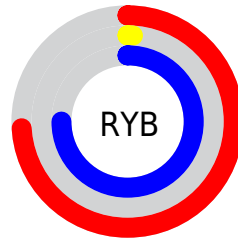
The CIELCh color **45, 92.951, 327.606** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **68, 96.155, 135.993**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 92.974, 327.608**, and **31, 73.009, 326.277** is the 20% darker color. If you saturate the color by 10%, you get **45, 93.150, 327.608**, and if you desaturate by 10%, it is **46, 90.643, 327.570**.

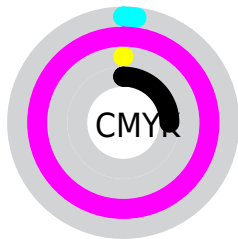
Distribution



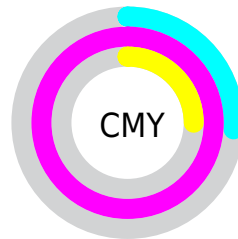
- Red (74%)
- Green (1%)
- Blue (75%)



- Red (74%)
- Yellow (1%)
- Blue (75%)



- Cyan (2%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)





- Cyan (26%)
- Magenta (99%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 92.951, 327.606 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 45, 92.951, 327.606 by changing the saturation by 10% instead.


 45, 92.951,
327.606

 45, 92.951,
327.606


 100, 92.951,
327.606


 35, 92.951,
327.606

 65, 92.951,
327.606


 25, 92.951,
327.606

 75, 92.951,
327.606

 15, 92.951,
327.606

 85, 92.951,
327.606

 5, 92.951, 327.606

 95, 92.951,
327.606

 0, 92.951, 327.606

 45, 92.951,

 45, 92.951,

327.606

327.606

■ 45, 93.150,
327.608

■ 46, 90.643,
327.570

■ 47, 86.244,
327.446

■ 49, 79.518,
327.221

■ 52, 70.725,
326.903

■ 55, 60.305,
326.507

■ 59, 48.746,
326.050

■ 64, 36.493,
325.550

■ 68, 23.908,
325.024

■ 73, 11.260,
324.479

Harmonies

Complementary

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



45, 92.951, 327.606



68, 96.155, 135.993

Rectangle

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



45, 92.951, 327.606



45, 92.951, 17.606



45, 92.951, 147.606



45, 92.951, 197.606

Sweetspot

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



45, 92.949, 327.606



81, 46.920, 325.628



23, 106.533, 306.009



40, 31.925, 325.842



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



45, 92.949, 327.606



58, 113.889, 327.598



41, 68.334, 0.151



38, 7.190, 324.502



38, 81.860, 327.616



4, 24.019, 325.689

Inverse Universe

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



40, 82.948, 39.101



52, 102.355, 39.554



68, 72.597, 148.478



38, 4.186, 18.643



33, 73.102, 39.089



3, 14.004, 18.542

Previews

White Background



This preview shows how the CIELCh color 45, 92.951, 327.606 looks on a white background.

Color Contrast Check

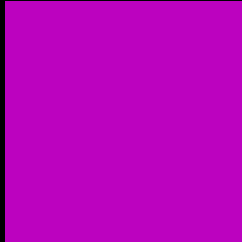
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 45, 92.951, 327.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

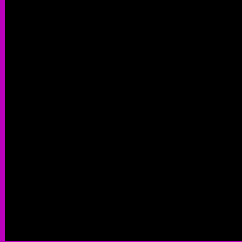
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 92.951, 327.606

Background



This preview shows how black text looks on a background with the CIELCh color 45, 92.951, 327.606.



This preview shows how white text looks on a background with the CIELCh color 45, 92.951, 327.606.

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

45, 92.849, 327.602

Protanopia

46, 68.926, 286.968

Deuteranopia

46, 43.071, 279.294



Tritanopia
45, 45.303, 23.145

Trichromacy



Original Color
45, 92.849, 327.602



Protanomaly
38, 85.367, 301.303



Deuteranomaly
40, 69.085, 307.294



Tritanomaly
43, 59.258, 350.122

Monochromacy



Original Color
45, 92.849, 327.602



Achromatopsia
34, 0.005, 296.813



Achromatomaly
33, 47.656, 326.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 92.951, 327.606 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(188, 2, 191)` looks like.

```
.text, #text, p{  
    color:rgb(188, 2, 191)  
}
```

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(188, 2, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 2, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 92.951, 327.606 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(188, 2, 191) }
```

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

```
.border{ border-color:rgb(188, 2, 191) }
```

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

Here you see how a box with a 4 pixel rgb(188, 2, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 2, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 2, 191);  
box-shadow:4px 4px 4px 4px rgb(188, 2,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 92.951, 327.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 2, 191) }
```

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

```
.background{ background-color: rgb(188, 2,  
191) }
```

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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