

Converting Colors

CIELCh(44, 73.131, 355.018)

Have a look what the booklet for
CIELCh(44, 73.131, 355.018)
contains.

CIELCh(44, 72.804, 355.204)	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, 72.804, 355.204)

Conversions

Conversions Part 1

Format	Color
Hex	CA0074
RGB	202, 0, 116
RGB Percent	79%, 0%, 45%
CMY	0.2064, 1.0000, 0.5432
CMYK	0.00, 1.00, 0.42, 0.21
HSL	325°, 100%, 40%
HSV	325°, 100%, 79%
XYZ	27.6173, 13.8382, 17.8868
YIQ	73.6220, 83.1560, 78.9000

Conversions

Conversions Part 2

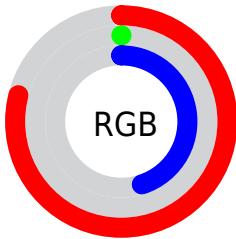
Format	Color
R_{YB}	202, 0, 116
Decimal	13238388
CIE Lab	44.00, 72.55, -6.09
CIE LCh	44, 72.804, 355.204
Yxy	13.8382, 0.4654, 0.2332
Android (android.graphics.Color)	4291428468 (0xFFCA0074)
YUV	73.6220, 20.8924, 112.5875
Hunter-Lab	37.1997, 67.4197, -2.4687

Details

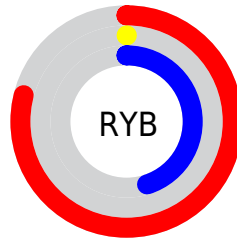
The CIELCh color **44, 72.804, 355.204** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **72, 80.800, 145.506**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 70.246, 353.332**, and **30, 54.729, 2.980** is the 20% darker color. If you saturate the color by 10%, you get **44, 72.617, 355.264**, and if you desaturate by 10%, it is **45, 71.731, 352.167**.

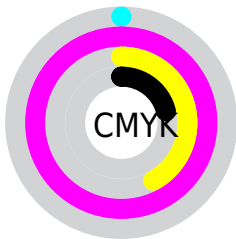
Distribution



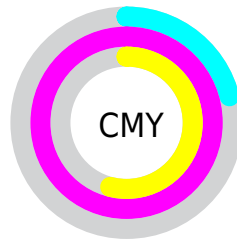
- Red (79%)
- Green (0%)
- Blue (45%)



- Red (79%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 72.804, 355.204 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, 72.804, 355.204 by changing the saturation by 10% instead.


 44, 72.804,
355.204


 44, 72.804,
355.204


 100, 72.804,
355.204

 34, 72.804,
355.204

 64, 72.804,
355.204

 24, 72.804,
355.204

 74, 72.804,
355.204

 14, 72.804,
355.204

 84, 72.804,
355.204

 4, 72.804, 355.204

 94, 72.804,
355.204

 0, 72.804, 355.204

 44, 72.804,

 44, 72.804,

355.204

355.204

■ 44, 72.617,
355.264

■ 45, 71.731,
352.167

■ 47, 69.001,
349.623

■ 49, 64.057,
347.590

■ 53, 57.182,
345.935

■ 57, 48.852,
344.553

■ 61, 39.570,
343.368

■ 66, 29.768,
342.326

■ 71, 19.771,
341.390

Harmonies

Complementary

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



44, 72.804, 355.204



72, 80.800, 145.506

Rectangle

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



44, 72.804, 355.204



44, 72.804, 45.204



44, 72.804, 175.204



44, 72.804, 225.204

Sweetspot

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



44, 72.617, 355.264



81, 35.912, 342.366



30, 106.785, 310.104



41, 24.490, 342.798



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 72.617, 355.264



55, 86.249, 355.781



42, 84.390, 36.913



40, 5.594, 340.476



36, 62.751, 354.729



4, 20.787, 348.719

Inverse Universe

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



44, 72.617, 355.264



55, 86.249, 355.781



74, 45.434, 184.373



40, 5.594, 340.476



36, 62.751, 354.729



4, 20.787, 348.719

Previews

White Background



This preview shows how the CIELCh color 44, 72.804, 355.204 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, 72.804, 355.204 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, 72.804, 355.204

Background



This preview shows how black text looks on a background with the CIELCh color 44, 72.804, 355.204.



This preview shows how white text looks on a background with the CIELCh color 44, 72.804, 355.204.

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, 72.482, 355.380

Protanopia

45, 37.764, 285.780

Deuteranopia

45, 6.164, 351.307



Tritanopia
45, 69.910, 32.334

Trichromacy



Original Color
44, 72.482, 355.380



Protanomaly
39, 53.336, 318.662



Deuteranomaly
40, 40.703, 346.211



Tritanomaly
44, 68.270, 18.111

Monochromacy



Original Color
44, 72.482, 355.380



Achromatopsia
31, 0.005, 296.813



Achromatomaly
31, 38.293, 346.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 72.804, 355.204 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(202, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(202, 0, 116)  
}
```

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(202, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 0, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 72.804, 355.204 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(202, 0, 116) }
```

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

```
.border{ border-color:rgb(202, 0, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 0, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(202, 0,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 72.804, 355.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 0, 116) }
```

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

```
.background{ background-color: rgb(202, 0,  
116) }
```

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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