

Converting Colors

CIELCh(44, 71.507, 7.205)

Have a look what the booklet for
CIELCh(44, 71.507, 7.205) contains.

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Color

CIELCh(44, 71.447, 6.914)

Conversions

Conversions Part 1

Format	Color
Hex	CD025D
RGB	205, 2, 93
RGB Percent	80%, 1%, 36%
CMY	0.1956, 0.9906, 0.6349
CMYK	0.00, 0.99, 0.55, 0.20
HSL	333°, 98%, 41%
HSV	333°, 99%, 80%
XYZ	27.2135, 13.8382, 11.6131
YIQ	73.0710, 91.7770, 71.3370

Conversions

Conversions Part 2

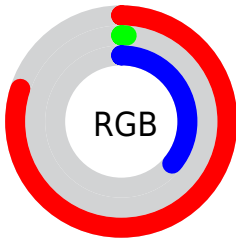
Format	Color
RYB	205, 2, 93
Decimal	13435485
CIELab	44.00, 70.93, 8.60
CIELCh	44, 71.447, 6.914
Yxy	13.8382, 0.5167, 0.2628
Android (android.graphics.Color)	4291625565 (0xFFCD025D)
YUV	73.0710, 9.8250, 115.7017
Hunter-Lab	37.1997, 65.4824, 7.5305

Details

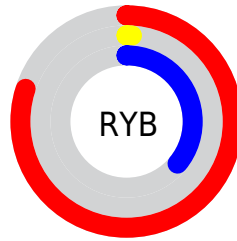
The CIELCh color **44, 71.447, 6.914** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **73, 71.211, 152.024**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.447, 4.456**, and **30, 55.861, 16.562** is the 20% darker color. If you saturate the color by 10%, you get **44, 71.656, 7.440**, and if you desaturate by 10%, it is **45, 69.536, 2.544**.

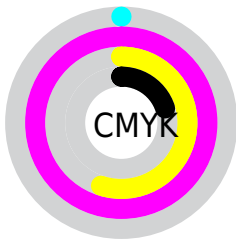
Distribution



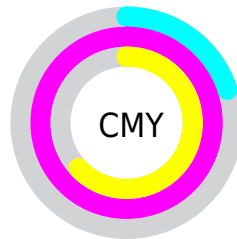
- Red (80%)
- Green (1%)
- Blue (36%)



- Red (80%)
- Yellow (1%)
- Blue (36%)



- Cyan (0%)
- Magenta (99%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (99%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 71.447, 6.914 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, 71.447, 6.914 by changing the saturation by 10% instead.


 44, 71.447, 6.914  44, 71.447, 6.914

 100, 71.447, 6.914  34, 71.447, 6.914

 64, 71.447, 6.914  24, 71.447, 6.914


 74, 71.447, 6.914  14, 71.447, 6.914

 84, 71.447, 6.914  4, 71.447, 6.914

 94, 71.447, 6.914  0, 71.447, 6.914

 44, 71.447, 6.914  44, 71.447, 6.914

 44, 71.656, 7.440  45, 69.536, 2.544

 47, 65.998,
358.986

■ 50, 60.551,
356.182

■ 53, 53.453,
353.958

■ 57, 45.155,
352.158

■ 62, 36.124,
350.667

■ 67, 26.751,
349.400

■ 72, 17.322,
348.297

■ 78, 8.024, 347.302

Harmonies

Complementary

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



44, 71.447, 6.914



73, 71.211, 152.024

Rectangle

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



44, 71.447, 6.914



44, 71.447, 56.914



44, 71.447, 186.914



44, 71.447, 236.914

Sweetspot

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



44, 71.443, 6.916



81, 33.238, 349.584



34, 104.367, 313.083



40, 22.712, 350.114



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, 71.443, 6.916



55, 84.457, 8.125



43, 87.424, 40.159



40, 5.132, 347.356



35, 61.152, 6.631



4, 19.442, 356.753

Inverse Universe

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



44, 71.443, 6.916



55, 84.457, 8.125



72, 39.738, 204.660



40, 5.132, 347.356



35, 61.152, 6.631



4, 19.442, 356.753

Previews

White Background



This preview shows how the CIELCh color 44, 71.447, 6.914 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, 71.447, 6.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

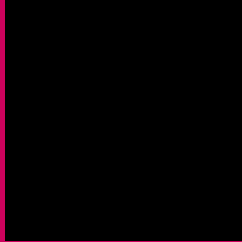
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 71.447, 6.914

Background



This preview shows how black text looks on a background with the CIELCh color 44, 71.447, 6.914.



This preview shows how white text looks on a background with the CIELCh color 44, 71.447, 6.914.

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, 71.447, 6.914

Protanopia

45, 17.985, 285.766

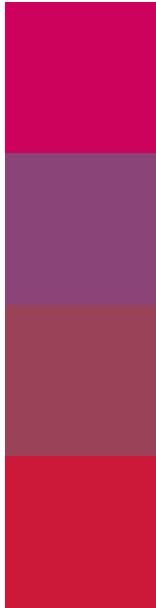
Deuteranopia

45, 14.265, 64.822



Tritanopia
44, 76.056, 34.860

Trichromacy



Original Color
44, 71.447, 6.914

Protanomaly
39, 40.367, 336.175

Deuteranomaly
40, 38.943, 7.480

Tritanomaly
44, 73.016, 25.060

Monochromacy



Original Color
44, 71.447, 6.914

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 36.114, 354.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 71.447, 6.914 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, 2, 93)` looks like.

```
.text, #text, p{  
    color:rgb(205, 2, 93)  
}
```

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, 2, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 2, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 71.447, 6.914 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, 2, 93) }
```

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

```
.border{ border-color:rgb(205, 2, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 2, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 2, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 2, 93);  
box-shadow:4px 4px 4px 4px rgb(205, 2, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 71.447, 6.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 2, 93) }
```

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

```
.background{ background-color: rgb(205, 2,  
93) }
```

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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