

Converting Colors

CIELCh(44, 65.066, 3.157)

Have a look what the booklet for
CIELCh(44, 65.066, 3.157) contains.

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Color

CIELCh(44, 65.074, 2.860)

Conversions

Conversions Part 1

Format	Color
Hex	C42165
RGB	196, 33, 101
RGB Percent	77%, 13%, 40%
CMY	0.2301, 0.8687, 0.6029
CMYK	0.00, 0.83, 0.48, 0.23
HSL	335°, 71%, 45%
HSV	335°, 83%, 77%
XYZ	25.7697, 13.8382, 13.6928
YIQ	89.4890, 75.3200, 55.7040

Conversions

Conversions Part 2

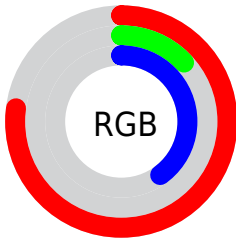
Format	Color
RYB	196, 33, 101
Decimal	12853605
CIELab	44.00, 64.99, 3.25
CIElCh	44, 65.074, 2.860
Yxy	13.8382, 0.4835, 0.2596
Android (android.graphics.Color)	4291043685 (0xFFC42165)
YUV	89.4890, 5.6749, 93.4101
Hunter-Lab	37.1997, 58.5542, 4.2159

Details

The CIELCh color **44, 65.074, 2.860** 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 **71, 59.932, 157.386**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 64.152, 2.248**, and **28, 53.009, 9.813** is the 20% darker color. If you saturate the color by 10%, you get **42, 68.048, 6.999**, and if you desaturate by 10%, it is **46, 60.356, 359.581**.

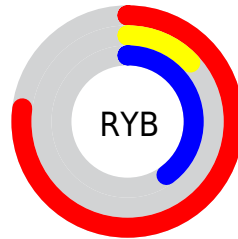
Distribution



Red (77%)

Green (13%)

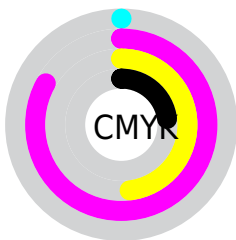
Blue (40%)



Red (77%)

Yellow (13%)

Blue (40%)

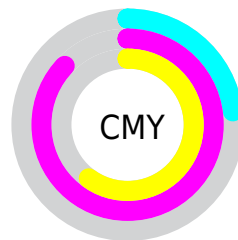


Cyan (0%)

Magenta (83%)

Yellow (48%)

Black (23%)



Cyan (23%)

Magenta (87%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 65.074, 2.860 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, 65.074, 2.860 by changing the saturation by 10% instead.

 44, 65.074, 2.860	 44, 65.074, 2.860
 100, 65.074, 2.860	 34, 65.074, 2.860
 64, 65.074, 2.860	 24, 65.074, 2.860
 74, 65.074, 2.860	 14, 65.074, 2.860
 84, 65.074, 2.860	 4, 65.074, 2.860
 94, 65.074, 2.860	 0, 65.074, 2.860

 44, 65.074, 2.860	 44, 65.074, 2.860
 42, 68.048, 6.999	 46, 60.356, 359.581
 42, 69.511, 10.326	 49, 54.005, 356.993

■ 53, 46.385,
354.927

■ 58, 37.942,
353.242

■ 62, 29.076,
351.834

■ 67, 20.091,
350.628

■ 72, 11.195,
349.566

■ 78, 2.515, 348.509

■ 83, 5.881, 167.925

Harmonies

Complementary

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



44, 65.074, 2.860



71, 59.932, 157.386

Rectangle

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



44, 65.074, 2.860



44, 65.074, 52.860



44, 65.074, 182.860



44, 65.074, 232.860

Sweetspot

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



44, 65.071, 2.861



84, 27.126, 350.906



37, 92.331, 314.749



42, 18.563, 351.331



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, 65.071, 2.861



54, 84.742, 11.214



44, 72.417, 37.435



38, 4.824, 349.206



34, 59.848, 9.494



3, 15.200, 357.241

Inverse Universe

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



44, 65.071, 2.861



54, 84.742, 11.214



68, 36.147, 208.845



38, 4.824, 349.206



34, 59.848, 9.494



3, 15.200, 357.241

Previews

White Background



This preview shows how the CIELCh color 44, 65.074, 2.860 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, 65.074, 2.860 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, 65.074, 2.860

Background



This preview shows how black text looks on a background with the CIELCh color 44, 65.074, 2.860.



This preview shows how white text looks on a background with the CIELCh color 44, 65.074, 2.860.

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, 65.074, 2.860

Protanopia

45, 21.651, 284.851

Deuteranopia

44, 8.909, 47.988



Tritanopia
44, 66.252, 31.070

Trichromacy



Original Color
44, 65.074, 2.860

Protanomaly
41, 35.182, 329.935

Deuteranomaly
42, 32.271, 2.393

Tritanomaly
44, 64.154, 21.143

Monochromacy



Original Color
44, 65.074, 2.860

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 29.143, 353.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 65.074, 2.860 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(196, 33, 101)` looks like.

```
.text, #text, p{  
    color:rgb(196, 33, 101)  
}
```

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(196, 33, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 33, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 65.074, 2.860 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(196, 33, 101) }
```

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

```
.border{ border-color:rgb(196, 33, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 33, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 33, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 33, 101);  
box-shadow:4px 4px 4px 4px rgb(196, 33,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 65.074, 2.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 33, 101) }
```

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

```
.background{ background-color: rgb(196, 33,  
101) }
```

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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