

Converting Colors

CIELCh(75, 76.737, 105.498)

Have a look what the booklet for
CIELCh(75, 76.737, 105.498)
contains.

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Color

CIELCh(75, 76.961, 105.627)

Conversions

Conversions Part 1

Format	Color
Hex	B9C10F
RGB	185, 193, 15
RGB Percent	73%, 76%, 6%
CMY	0.2761, 0.2446, 0.9406
CMYK	0.04, 0.00, 0.92, 0.24
HSL	63°, 85%, 41%
HSV	63°, 92%, 76%
XYZ	38.9888, 48.2781, 7.7206
YIQ	170.3160, 52.3700, -57.0540

Conversions

Conversions Part 2

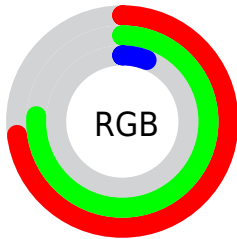
Format	Color
RYB	15, 193, 23
Decimal	12173583
CIELab	75.00, -20.73, 74.12
CIELCh	75, 76.961, 105.627
Yxy	48.2781, 0.4105, 0.5083
Android (android.graphics.Color)	4290363663 (0xFFB9C10F)
YUV	170.3160, -76.5708, 12.8779
Hunter-Lab	69.4824, -21.4322, 42.0496

Details

The CIELCh color **75, 76.961, 105.627** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed chartreuse. A complement of this color would be **25, 104.123, 305.802**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 77.133, 105.419**, and **55, 62.400, 108.411** is the 20% darker color. If you saturate the color by 10%, you get **75, 78.606, 105.655**, and if you desaturate by 10%, it is **75, 73.318, 105.773**.

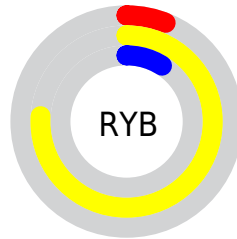
Distribution



Red (73%)

Green (76%)

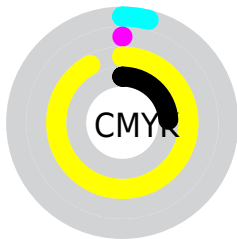
Blue (6%)



Red (6%)

Yellow (76%)

Blue (9%)

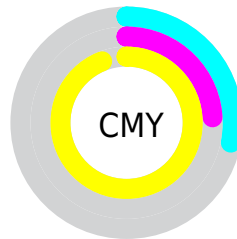


Cyan (4%)

Magenta (0%)

Yellow (92%)

Black (24%)



Cyan (28%)


Magenta (24%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 76.961, 105.627 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 75, 76.961, 105.627 by changing the saturation by 10% instead.


 75, 76.961,
105.627


 75, 76.961,
105.627


 100, 76.961,
105.627


 65, 76.961,
105.627


 95, 76.961,
105.627

 55, 76.961,
105.627

 45, 76.961,
105.627

 35, 76.961,
105.627

 25, 76.961,
105.627

 15, 76.961,
105.627

 5, 76.961, 105.627

■ 0, 76.961, 105.627

■ 75, 76.961,
105.627

■ 75, 76.961,
105.627

■ 75, 78.606,
105.655

■ 75, 73.318,
105.773

■ 75, 67.618,
106.152

■ 75, 60.271,
106.723

■ 76, 51.760,
107.435

■ 76, 42.482,
108.240

■ 76, 32.726,
109.100

■ 77, 22.683,
109.989

■ 77, 12.478,
110.882

■ 78, 2.192, 111.752

Harmonies

Complementary

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



75, 76.961, 105.627



25, 104.123, 305.802

Rectangle

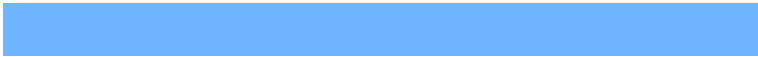
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 76.961, 105.627



75, 76.961, 155.627



75, 76.961, 285.627



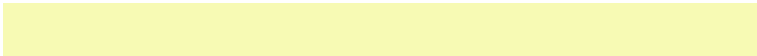
75, 76.961, 335.627

Sweetspot

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



75, 76.961, 105.629



97, 35.319, 109.426



41, 79.759, 38.406



51, 24.301, 109.043



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 76.961, 105.629



95, 95.599, 105.699



70, 86.590, 128.368



41, 5.860, 111.128



63, 68.709, 105.618



12, 18.653, 109.490

Inverse Universe

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



25, 104.123, 305.802



32, 131.584, 306.379



33, 97.068, 313.102



37, 5.990, 292.847



18, 94.478, 306.445



1, 19.493, 292.360

Previews

White Background



This preview shows how the CIELCh color 75, 76.961, 105.627 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 75, 76.961, 105.627 looks on a black 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 ✓ Pass

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

CIELCh 75, 76.961, 105.627

Background



This preview shows how black text looks on a background with the CIELCh color 75, 76.961, 105.627.



This preview shows how white text looks on a background with the CIELCh color 75, 76.961, 105.627.

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
75, 77.094, 105.611

Protanopia
75, 75.723, 95.120

Deuteranopia
75, 73.136, 82.342



Tritanopia
75, 10.357, 333.435

Trichromacy



Original Color
75, 77.094, 105.611

Protanomaly
75, 75.825, 99.265

Deuteranomaly
75, 72.863, 91.071

Tritanomaly
74, 30.114, 100.162

Monochromacy



Original Color
75, 77.094, 105.611

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 34.229, 108.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 76.961, 105.627 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(185, 193, 15)` looks like.

```
.text, #text, p{  
    color:rgb(185, 193, 15)  
}
```

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(185, 193, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 193, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 76.961, 105.627 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(185, 193, 15) }
```

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

```
.border{ border-color:rgb(185, 193, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 193, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 193, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 193, 15);  
box-shadow:4px 4px 4px 4px rgb(185, 193,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 76.961, 105.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 193, 15) }
```

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

```
.background{ background-color: rgb(185,  
193, 15) }
```

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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