

Converting Colors

CIELCh(75, 38.293, 95.720)

Have a look what the booklet for
CIELCh(75, 38.293, 95.720) contains.

CIELCh(75, 38.325, 95.695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 38.325, 95.695)

Conversions

Conversions Part 1

Format	Color
Hex	CAB972
RGB	202, 185, 114
RGB Percent	79%, 73%, 45%
CMY	0.2092, 0.2758, 0.5541
CMYK	0.00, 0.08, 0.44, 0.21
HSL	48°, 45%, 62%
HSV	48°, 44%, 79%
XYZ	44.5651, 48.2781, 22.7976
YIQ	181.9890, 32.9230, -18.4770

Conversions

Conversions Part 2

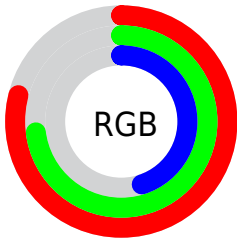
Format	Color
RYB	135, 202, 114
Decimal	13285746
CIELab	75.00, -3.80, 38.14
CIELCh	75, 38.325, 95.695
Yxy	48.2781, 0.3854, 0.4175
Android (android.graphics.Color)	4291475826 (0xFFCAB972)
YUV	181.9890, -33.5186, 17.5496
Hunter-Lab	69.4824, -7.1069, 29.1843

Details

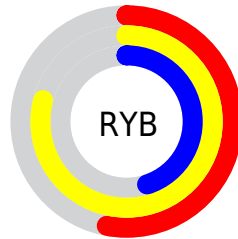
The CIELCh color **75, 38.325, 95.695** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 40.715, 287.676**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 37.931, 98.814**, and **55, 38.319, 95.774** is the 20% darker color. If you saturate the color by 10%, you get **74, 46.807, 94.472**, and if you desaturate by 10%, it is **76, 29.595, 96.912**.

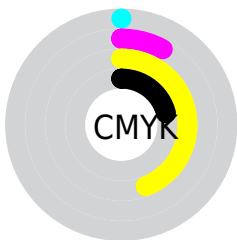
Distribution



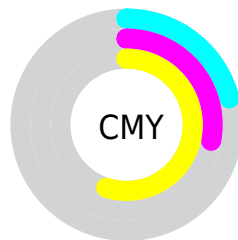
- Red (79%)
- Green (73%)
- Blue (45%)



- Red (53%)
- Yellow (79%)
- Blue (45%)



- Cyan (0%)
- Magenta (8%)
- Yellow (44%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 38.325, 95.695 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, 38.325, 95.695 by changing the saturation by 10% instead.

 75, 38.325, 95.695

 75, 38.325, 95.695

 100, 38.325,
95.695

 65, 38.325, 95.695

 95, 38.325, 95.695

 55, 38.325, 95.695

 45, 38.325, 95.695

 35, 38.325, 95.695

 25, 38.325, 95.695

 15, 38.325, 95.695

 5, 38.325, 95.695

 0, 38.325, 95.695

 75, 38.325, 95.695

 75, 38.325, 95.695

74, 46.807, 94.472

76, 29.595, 96.912

72, 54.775, 93.235

78, 20.770, 98.106

71, 61.807, 91.982

79, 11.940, 99.269

70, 67.305, 90.691

81, 3.155, 100.368

69, 70.625, 89.308

82, 5.560, 281.541

68, 71.794, 88.377

84, 14.191,
282.577

85, 22.733,
283.579

86, 20.936,
279.096

87, 19.217,
273.766

Harmonies

Complementary

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



75, 38.325, 95.695



56, 40.715, 287.676

Rectangle

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



75, 38.325, 95.695



75, 38.325, 145.695



75, 38.325, 275.695



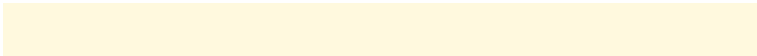
75, 38.325, 325.695

Sweetspot

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



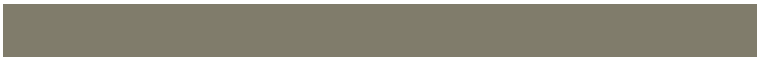
75, 38.326, 95.699



98, 13.785, 99.319



58, 37.019, 8.855



52, 9.655, 99.063



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 38.326, 95.699



91, 54.964, 94.583



78, 46.892, 119.310



42, 5.010, 99.746



57, 62.139, 88.609



12, 17.657, 92.570

Inverse Universe

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



56, 40.715, 287.676



64, 59.643, 289.765



54, 51.468, 305.001



40, 5.070, 281.950



23, 84.822, 302.456



3, 20.411, 287.177

Previews

White Background



This preview shows how the CIELCh color 75, 38.325, 95.695 looks on a white background.

Color Contrast Check

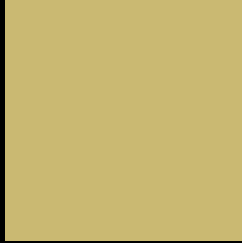
Large Text (above 18pt) WCAG AA × Fail

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, 38.325, 95.695 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, 38.325, 95.695

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.325, 95.695.

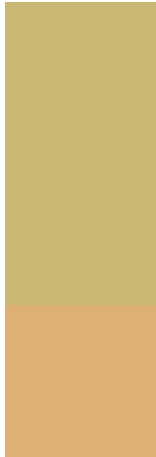


This preview shows how white text looks on a background with the CIELCh color 75, 38.325, 95.695.

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, 38.325, 95.695

Protanopia

75, 38.325, 95.695

Deuteranopia

75, 38.393, 75.319



Tritanopia
75, 14.564, 352.031

Trichromacy



Original Color
75, 38.325, 95.695

Protanomaly
75, 38.325, 95.695

Deuteranomaly
75, 37.739, 82.733

Tritanomaly
75, 14.434, 59.130

Monochromacy



Original Color
75, 38.325, 95.695

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.176, 99.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.325, 95.695 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, 185, 114)` looks like.

```
.text, #text, p{  
    color:rgb(202, 185, 114)  
}
```

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, 185, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 185, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.325, 95.695 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, 185, 114) }
```

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

```
.border{ border-color:rgb(202, 185, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 185, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 185, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 185, 114);  
box-shadow:4px 4px 4px 4px rgb(202, 185,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.325, 95.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 185, 114) }
```

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

```
.background{ background-color: rgb(202,  
185, 114) }
```

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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