

Converting Colors

CIELCh(75, 40.927, 100.703)

Have a look what the booklet for
CIELCh(75, 40.927, 100.703)
contains.

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Color

CIELCh(75, 41.245, 100.907)

Conversions

Conversions Part 1

Format	Color
Hex	C4BB6D
RGB	196, 187, 109
RGB Percent	77%, 73%, 43%
CMY	0.2321, 0.2673, 0.5732
CMYK	0.00, 0.05, 0.44, 0.23
HSL	54°, 42%, 60%
HSV	54°, 44%, 77%
XYZ	43.2021, 48.2781, 21.4630
YIQ	180.7990, 30.4020, -22.3500

Conversions

Conversions Part 2

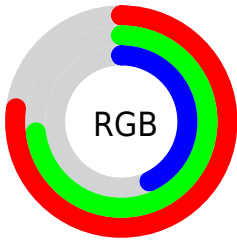
Format	Color
RYB	119, 196, 109
Decimal	12893037
CIELab	75.00, -7.80, 40.50
CIElCh	75, 41.245, 100.907
Yxy	48.2781, 0.3825, 0.4275
Android (android.graphics.Color)	4291083117 (0xFFC4BB6D)
YUV	180.7990, -35.3969, 13.3313
Hunter-Lab	69.4824, -10.6084, 30.3231

Details

The CIELCh color **75, 41.245, 100.907** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **52, 45.233, 292.224**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 41.150, 100.859**, and **55, 41.265, 100.618** is the 20% darker color. If you saturate the color by 10%, you get **74, 49.917, 99.855**, and if you desaturate by 10%, it is **76, 32.179, 101.985**.

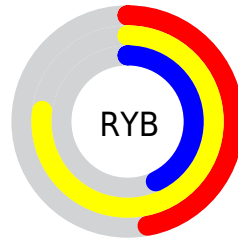
Distribution



Red (77%)

Green (73%)

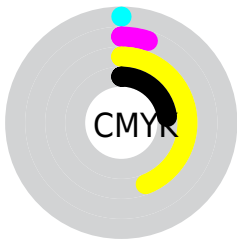
Blue (43%)



Red (47%)

Yellow (77%)

Blue (43%)

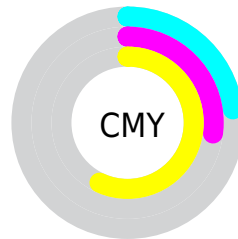


Cyan (0%)

Magenta (5%)

Yellow (44%)

Black (23%)



Cyan (23%)


Magenta (27%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.245, 100.907 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, 41.245, 100.907 by changing the saturation by 10% instead.


 75, 41.245,
100.907


 75, 41.245,
100.907


 100, 41.245,
100.907


 65, 41.245,
100.907


 95, 41.245,
100.907

 55, 41.245,
100.907

 45, 41.245,
100.907

 35, 41.245,
100.907

 25, 41.245,
100.907

 15, 41.245,
100.907

 5, 41.245, 100.907

0, 41.245, 100.907

75, 41.245,
100.907

75, 41.245,
100.907

74, 49.917, 99.855

76, 32.179,
101.985

73, 57.895, 98.838

77, 22.904,
103.063

73, 64.744, 97.878

72, 69.908, 96.985

78, 13.534,
104.130

72, 72.887, 96.157

79, 4.139, 105.162

71, 73.863, 95.712

80, 5.239, 286.229

81, 14.576,
287.202

82, 23.855,

288.145

■ 83, 27.564,
287.697

■ 83, 26.503,
285.974

Harmonies

Complementary

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



75, 41.245, 100.907



52, 45.233, 292.224

Rectangle

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



75, 41.245, 100.907



75, 41.245, 150.907



75, 41.245, 280.907



75, 41.245, 330.907

Sweetspot

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



75, 41.246, 100.910



98, 15.118, 104.258



56, 36.828, 15.326



52, 10.580, 104.022



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, 41.246, 100.910



94, 60.294, 99.916



75, 47.400, 122.634



41, 5.274, 104.660



59, 63.843, 95.825



11, 16.387, 100.594

Inverse Universe

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



52, 45.233, 292.224



60, 68.126, 294.267



53, 51.504, 307.641



38, 5.365, 286.686



20, 89.536, 304.716



2, 18.052, 288.243

Previews

White Background



This preview shows how the CIELCh color 75, 41.245, 100.907 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 CIE LCh color 75, 41.245, 100.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

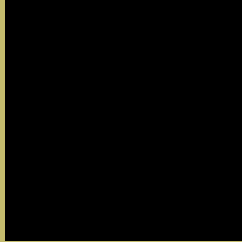
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 41.245, 100.907

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.245, 100.907.

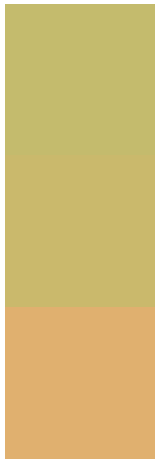


This preview shows how white text looks on a background with the CIELCh color 75, 41.245, 100.907.

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, 41.245, 100.907

Protanopia

75, 41.320, 96.121

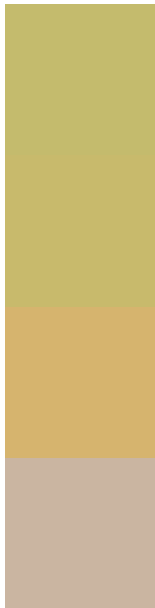
Deuteranopia

75, 40.939, 76.330



Tritanopia
75, 12.904, 344.782

Trichromacy



Original Color
75, 41.245, 100.907

Protanomaly
75, 41.556, 97.951

Deuteranomaly
75, 40.235, 85.219

Tritanomaly
75, 13.621, 71.609

Monochromacy



Original Color
75, 41.245, 100.907

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 15.102, 104.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.245, 100.907 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, 187, 109)` looks like.

```
.text, #text, p{  
    color:rgb(196, 187, 109)  
}
```

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, 187, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 187, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.245, 100.907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

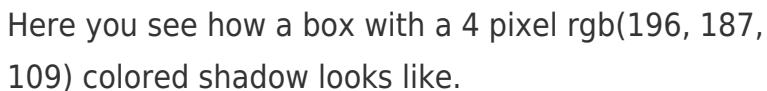
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 187, 109) }
```

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

```
.border{ border-color:rgb(196, 187, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 187, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 187, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 187, 109); box-shadow:4px 4px 4px 4px rgb(196, 187, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.245, 100.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 187, 109) }
```

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

```
.background{ background-color: rgb(196,  
187, 109) }
```

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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