

Converting Colors

CIELCh(75, 45.148, 92.211)

Have a look what the booklet for
CIELCh(75, 45.148, 92.211) contains.

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Color

CIELCh(75, 45.125, 92.050)

Conversions

Conversions Part 1

Format	Color
Hex	D0B764
RGB	208, 183, 100
RGB Percent	82%, 72%, 39%
CMY	0.1837, 0.2818, 0.6073
CMYK	0.00, 0.12, 0.52, 0.18
HSL	46°, 54%, 60%
HSV	46°, 52%, 82%
XYZ	45.3227, 48.2781, 19.0196
YIQ	181.0130, 41.5430, -20.5130

Conversions

Conversions Part 2

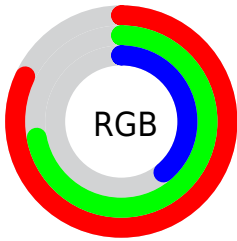
Format	Color
RYB	133, 208, 100
Decimal	13678436
CIELab	75.00, -1.61, 45.10
CIELCh	75, 45.125, 92.050
Yxy	48.2781, 0.4024, 0.4287
Android (android.graphics.Color)	4291868516 (0xFFD0B764)
YUV	181.0130, -39.9394, 23.6676
Hunter-Lab	69.4824, -5.1605, 32.4081

Details

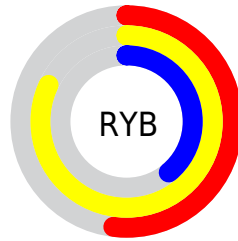
The CIELCh color **75, 45.125, 92.050** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **54, 47.943, 287.464**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 43.972, 98.299**, and **55, 44.850, 91.968** is the 20% darker color. If you saturate the color by 10%, you get **74, 53.318, 90.735**, and if you desaturate by 10%, it is **77, 36.538, 93.345**.

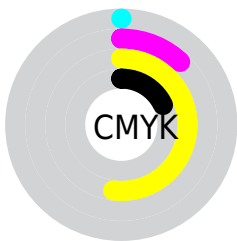
Distribution



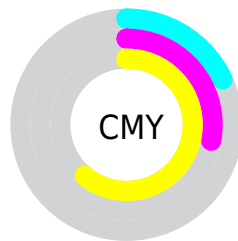
- Red (82%)
- Green (72%)
- Blue (39%)



- Red (52%)
- Yellow (82%)
- Blue (39%)



- Cyan (0%)
- Magenta (12%)
- Yellow (52%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 45.125, 92.050 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, 45.125, 92.050 by changing the saturation by 10% instead.

 75, 45.125, 92.050

 75, 45.125, 92.050

 100, 45.125,
92.050

 65, 45.125, 92.050

 95, 45.125, 92.050

 55, 45.125, 92.050

 45, 45.125, 92.050

 35, 45.125, 92.050

 25, 45.125, 92.050

 15, 45.125, 92.050

 5, 45.125, 92.050

 0, 45.125, 92.050

 75, 45.125, 92.050

 75, 45.125, 92.050

74, 53.318, 90.735

77, 36.538, 93.345

72, 60.724, 89.375

78, 27.788, 94.611

71, 66.749, 87.937

80, 19.009, 95.848

69, 70.679, 86.348

81, 10.273, 97.045

68, 72.341, 84.924

83, 1.618, 98.119

85, 6.938, 279.380

87, 15.388,
280.442

88, 17.837,
277.058

90, 15.865,
268.840

Harmonies

Complementary

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



75, 45.125, 92.050



54, 47.943, 287.464

Rectangle

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



75, 45.125, 92.050



75, 45.125, 142.050



75, 45.125, 272.050



75, 45.125, 322.050

Sweetspot

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



75, 45.126, 92.054



97, 16.335, 96.537



56, 45.610, 8.089



51, 11.040, 96.287



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, 45.126, 92.054



88, 62.901, 90.623



79, 56.210, 117.491



43, 4.911, 97.334



56, 61.838, 85.233



12, 18.378, 88.865

Inverse Universe

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



54, 47.943, 287.464



59, 68.725, 290.356



50, 63.451, 304.824



41, 4.956, 279.617



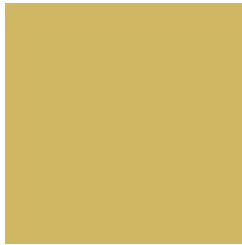
25, 82.162, 301.131



3, 21.523, 286.993

Previews

White Background



This preview shows how the CIELCh color 75, 45.125, 92.050 looks on a white background.

Color Contrast Check

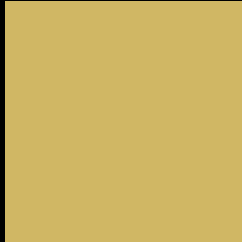
Large Text (above 18pt) WCAG AA × Fail

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, 45.125, 92.050 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, 45.125, 92.050

Background



This preview shows how black text looks on a background with the CIELCh color 75, 45.125, 92.050.

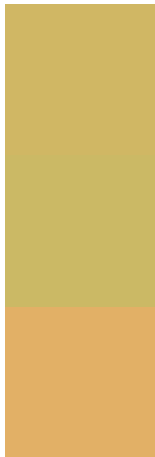


This preview shows how white text looks on a background with the CIELCh color 75, 45.125, 92.050.

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, 45.125, 92.050

Protanopia

75, 44.842, 95.951

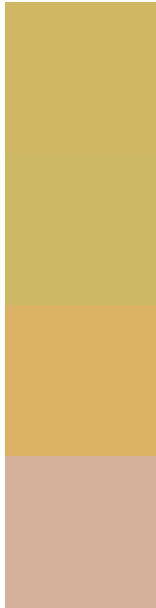
Deuteranopia

75, 45.547, 77.666



Tritanopia
75, 17.898, 356.207

Trichromacy



Original Color
75, 45.125, 92.050

Protanomaly
75, 44.661, 94.233

Deuteranomaly
75, 45.362, 82.947

Tritanomaly
75, 18.857, 58.816

Monochromacy



Original Color
75, 45.125, 92.050

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 16.531, 96.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 45.125, 92.050 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(208, 183, 100)` looks like.

```
.text, #text, p{  
    color:rgb(208, 183, 100)  
}
```

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(208, 183, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 183, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 45.125, 92.050 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(208, 183, 100) }
```

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

```
.border{ border-color:rgb(208, 183, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 183, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 183, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 183, 100);  
box-shadow:4px 4px 4px 4px rgb(208, 183,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 45.125, 92.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 183, 100) }
```

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

```
.background{ background-color: rgb(208,  
183, 100) }
```

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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