

Converting Colors

CIELCh(73, 45.063, 85.350)

Have a look what the booklet for
CIELCh(73, 45.063, 85.350) contains.

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Color

CIELCh(73, 45.091, 85.514)

Conversions

Conversions Part 1

Format	Color
Hex	D3AF60
RGB	211, 175, 96
RGB Percent	83%, 69%, 38%
CMY	0.1740, 0.3150, 0.6248
CMYK	0.00, 0.17, 0.55, 0.17
HSL	41°, 56%, 60%
HSV	41°, 55%, 83%
XYZ	44.1223, 45.1644, 17.3822
YIQ	176.7580, 46.8150, -16.9370

Conversions

Conversions Part 2

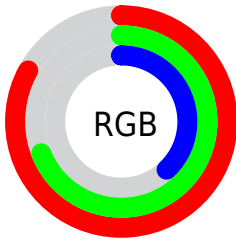
Format	Color
RYB	148, 211, 96
Decimal	13872992
CIELab	73.00, 3.53, 44.95
CIELCh	73, 45.091, 85.514
Yxy	45.1644, 0.4136, 0.4234
Android (android.graphics.Color)	4292063072 (0xFFD3AF60)
YUV	176.7580, -39.8137, 30.0302
Hunter-Lab	67.2044, -0.4158, 31.7080

Details

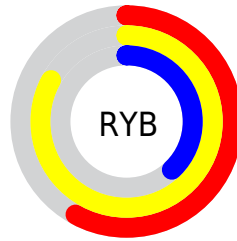
The CIELCh color **73, 45.091, 85.514** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **56, 45.727, 282.991**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 43.069, 93.124**, and **53, 45.158, 85.541** is the 20% darker color. If you saturate the color by 10%, you get **71, 53.141, 84.047**, and if you desaturate by 10%, it is **75, 36.742, 86.928**.

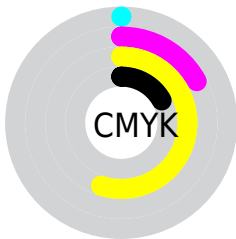
Distribution



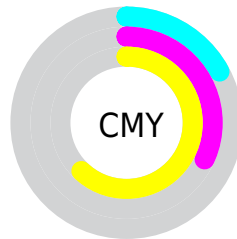
- Red (83%)
- Green (69%)
- Blue (38%)



- Red (58%)
- Yellow (83%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (55%)
- Black (17%)



- Cyan (17%)
- Magenta (32%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 45.091, 85.514 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 73, 45.091, 85.514 by changing the saturation by 10% instead.

 73, 45.091, 85.514

 73, 45.091, 85.514

 100, 45.091,
85.514

 63, 45.091, 85.514

 93, 45.091, 85.514

 53, 45.091, 85.514

 43, 45.091, 85.514

 33, 45.091, 85.514

 23, 45.091, 85.514

 13, 45.091, 85.514

 3, 45.091, 85.514

 0, 45.091, 85.514

 73, 45.091, 85.514

 73, 45.091, 85.514

71, 53.141, 84.047

75, 36.742, 86.928

69, 60.476, 82.472

77, 28.328, 88.294

68, 66.441, 80.702

79, 19.971, 89.621

66, 70.232, 78.583

81, 11.733, 90.903

65, 71.563, 77.314

83, 3.641, 92.106

86, 4.299, 273.426

88, 12.089,
274.542

90, 15.252,
269.924

92, 13.190,
254.950

Harmonies

Complementary

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



73, 45.091, 85.514



56, 45.727, 282.991

Rectangle

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



73, 45.091, 85.514



73, 45.091, 135.514



73, 45.091, 265.514



73, 45.091, 315.514

Sweetspot

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



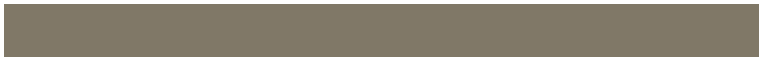
73, 45.091, 85.518



96, 15.066, 90.701



56, 48.980, 2.437



51, 10.192, 90.437



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 45.091, 85.518



84, 62.401, 83.874



81, 58.612, 113.673



43, 4.517, 91.542



53, 60.589, 77.774



11, 17.060, 80.854

Inverse Universe

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



56, 45.727, 282.991



60, 64.442, 286.282



48, 67.568, 302.878



41, 4.526, 273.969



28, 73.440, 297.455



4, 20.094, 284.032

Previews

White Background



This preview shows how the CIELCh color 73, 45.091, 85.514 looks on a white background.

Color Contrast Check

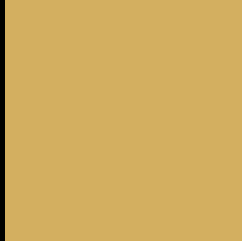
Large Text (above 18pt) WCAG AA × Fail

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 73, 45.091, 85.514 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 73, 45.091, 85.514

Background



This preview shows how black text looks on a background with the CIELCh color 73, 45.091, 85.514.



This preview shows how white text looks on a background with the CIELCh color 73, 45.091, 85.514.

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

73, 45.091, 85.514

Protanopia

73, 44.435, 96.309

Deuteranopia

73, 45.553, 77.964



Tritanopia
73, 21.492, 2.448

Trichromacy



Original Color
73, 45.091, 85.514

Protanomaly
73, 44.215, 92.260

Deuteranomaly
73, 45.077, 80.146

Tritanomaly
73, 22.178, 51.186

Monochromacy



Original Color
73, 45.091, 85.514

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 16.551, 90.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 45.091, 85.514 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(211, 175, 96)` looks like.

```
.text, #text, p{  
    color:rgb(211, 175, 96)  
}
```

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(211, 175, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 175, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 45.091, 85.514 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(211, 175, 96) }
```

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

```
.border{ border-color:rgb(211, 175, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 175, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 175, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 175, 96);  
box-shadow:4px 4px 4px 4px rgb(211, 175,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 45.091, 85.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 175, 96) }
```

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

```
.background{ background-color: rgb(211,  
175, 96) }
```

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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