

Converting Colors

CIELCh(76, 50.052, 85.407)

Have a look what the booklet for
CIELCh(76, 50.052, 85.407) contains.

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Color

CIELCh(76, 50.166, 85.206)

Conversions

Conversions Part 1

Format	Color
Hex	DEB65D
RGB	222, 182, 93
RGB Percent	87%, 71%, 36%
CMY	0.1286, 0.2855, 0.6346
CMYK	0.00, 0.18, 0.58, 0.13
HSL	41°, 66%, 62%
HSV	41°, 58%, 87%
XYZ	48.9362, 49.8872, 17.4470
YIQ	183.8140, 52.4090, -19.1990

Conversions

Conversions Part 2

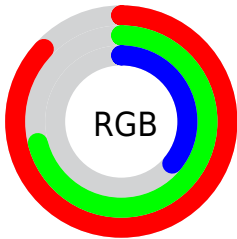
Format	Color
RYB	151, 222, 93
Decimal	14595677
CIELab	76.00, 4.19, 49.99
CIELCh	76, 50.166, 85.206
Yxy	49.8872, 0.4209, 0.4291
Android (android.graphics.Color)	4292785757 (0xFFDEB65D)
YUV	183.8140, -44.7713, 33.4891
Hunter-Lab	70.6309, 0.0686, 34.7960

Details

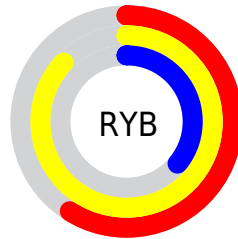
The CIELCh color **76, 50.166, 85.206** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **57, 51.228, 284.220**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 46.959, 98.030**, and **56, 49.992, 84.857** is the 20% darker color. If you saturate the color by 10%, you get **74, 58.357, 83.706**, and if you desaturate by 10%, it is **78, 41.521, 86.641**.

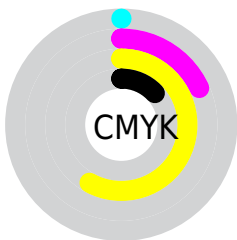
Distribution



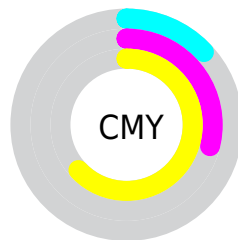
- Red (87%)
- Green (71%)
- Blue (36%)



- Red (59%)
- Yellow (87%)
- Blue (36%)



- Cyan (0%)
- Magenta (18%)
- Yellow (58%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 50.166, 85.206 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 76, 50.166, 85.206 by changing the saturation by 10% instead.


 76, 50.166, 85.206

 76, 50.166, 85.206

 100, 50.166,
85.206

 66, 50.166, 85.206

 96, 50.166, 85.206

 56, 50.166, 85.206

 46, 50.166, 85.206

 36, 50.166, 85.206

 26, 50.166, 85.206

 16, 50.166, 85.206

 6, 50.166, 85.206

 0, 50.166, 85.206

 76, 50.166, 85.206

 76, 50.166, 85.206

74, 58.357, 83.706

78, 41.521, 86.641

72, 65.565, 82.073

80, 32.728, 88.024

70, 71.015, 80.197

82, 23.954, 89.368

69, 74.036, 77.932

84, 15.283, 90.669

68, 74.510, 77.481

87, 6.755, 91.914

89, 1.617, 273.320

91, 9.831, 274.365

93, 10.344,
261.354

95, 9.164, 236.409

Harmonies

Complementary

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



76, 50.166, 85.206



57, 51.228, 284.220

Rectangle

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



76, 50.166, 85.206



76, 50.166, 135.206



76, 50.166, 265.206



76, 50.166, 315.206

Sweetspot

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



76, 50.166, 85.210



96, 16.066, 90.788



57, 54.207, 3.302



51, 10.767, 90.529



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 50.166, 85.210



83, 66.862, 83.318



85, 64.605, 113.489



46, 4.801, 91.747



55, 62.629, 77.935



14, 21.133, 80.900

Inverse Universe

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



57, 51.228, 284.220



57, 70.134, 288.097



48, 75.443, 303.368



44, 4.811, 274.189



29, 76.482, 297.719



5, 24.691, 287.599

Previews

White Background



This preview shows how the CIELCh color 76, 50.166, 85.206 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 76, 50.166, 85.206 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 76, 50.166, 85.206

Background



This preview shows how black text looks on a background with the CIELCh color 76, 50.166, 85.206.



This preview shows how white text looks on a background with the CIELCh color 76, 50.166, 85.206.

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

76, 50.166, 85.206

Protanopia

76, 49.144, 95.915

Deuteranopia

76, 50.842, 79.110

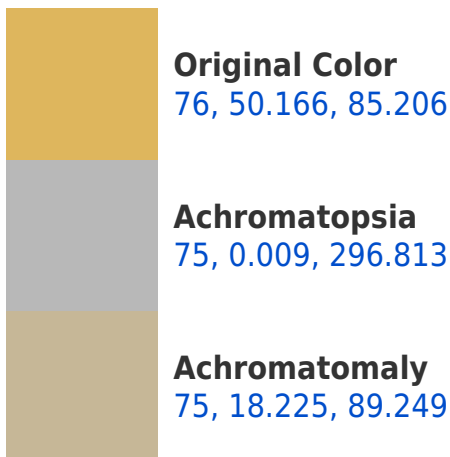


Tritanopia
76, 23.180, 4.138

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 50.166, 85.206 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(222, 182, 93)` looks like.

```
.text, #text, p{  
    color:rgb(222, 182, 93)  
}
```

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(222, 182, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 182, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 50.166, 85.206 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(222, 182, 93) }
```

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

```
.border{ border-color:rgb(222, 182, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 182, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 182, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 182, 93);  
box-shadow:4px 4px 4px 4px rgb(222, 182,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 50.166, 85.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 182, 93) }
```

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

```
.background{ background-color: rgb(222,  
182, 93) }
```

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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