

Converting Colors

CIELCh(76, 63.845, 90.057)

Have a look what the booklet for
CIELCh(76, 63.845, 90.057) contains.

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Color

CIELCh(76, 63.816, 90.053)

Conversions

Conversions Part 1

Format	Color
Hex	DBB83D
RGB	219, 184, 61
RGB Percent	86%, 72%, 24%
CMY	0.1397, 0.2770, 0.7593
CMYK	0.00, 0.16, 0.72, 0.14
HSL	47°, 69%, 55%
HSV	47°, 72%, 86%
XYZ	47.3952, 49.8872, 11.5974
YIQ	180.4430, 60.3430, -30.8330

Conversions

Conversions Part 2

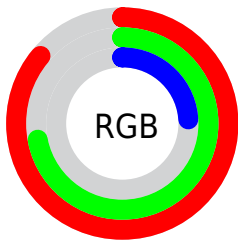
Format	Color
RYB	106, 219, 61
Decimal	14399549
CIELab	76.00, -0.06, 63.82
CIELCh	76, 63.816, 90.053
Yxy	49.8872, 0.4353, 0.4582
Android (android.graphics.Color)	4292589629 (0xFFDDBB83D)
YUV	180.4430, -58.8854, 33.8145
Hunter-Lab	70.6309, -3.8260, 39.7064

Details

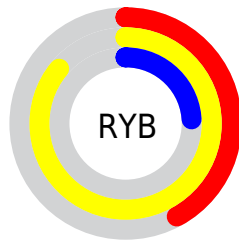
The CIELCh color **76, 63.816, 90.053** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **45, 72.741, 293.691**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 61.624, 99.498**, and **56, 60.901, 89.649** is the 20% darker color. If you saturate the color by 10%, you get **75, 70.005, 88.647**, and if you desaturate by 10%, it is **77, 56.130, 91.395**.

Distribution



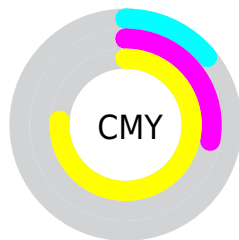
- Red (86%)
- Green (72%)
- Blue (24%)



- Red (42%)
- Yellow (86%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (72%)
- Black (14%)



- Cyan (14%)
- Magenta (28%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 63.816, 90.053 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, 63.816, 90.053 by changing the saturation by 10% instead.

■ 76, 63.816, 90.053

■ 76, 63.816, 90.053

■ 100, 63.816,
90.053

■ 66, 63.816, 90.053

■ 96, 63.816, 90.053

■ 56, 63.816, 90.053

■ 46, 63.816, 90.053

■ 36, 63.816, 90.053

■ 26, 63.816, 90.053

■ 16, 63.816, 90.053

■ 6, 63.816, 90.053

■ 0, 63.816, 90.053

■ 76, 63.816, 90.053

■ 76, 63.816, 90.053

75, 70.005, 88.647

77, 56.130, 91.395

73, 73.957, 87.101

79, 47.578, 92.699

72, 75.511, 85.744

80, 38.580, 93.979

82, 29.391, 95.237

84, 20.156, 96.467

85, 10.954, 97.660

87, 1.829, 98.740

89, 7.199, 279.984

91, 14.188,
279.360

Harmonies

Complementary

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



76, 63.816, 90.053



45, 72.741, 293.691

Rectangle

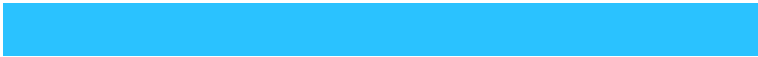
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 63.816, 90.053



76, 63.816, 140.053



76, 63.816, 270.053



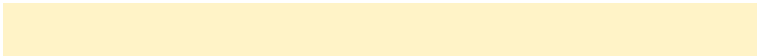
76, 63.816, 320.053

Sweetspot

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



76, 63.816, 90.056



96, 22.744, 96.448



51, 64.831, 14.071



50, 15.297, 96.114



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, 63.816, 90.056



85, 80.866, 87.944



82, 77.084, 116.925



45, 5.161, 97.961



58, 63.441, 86.057



15, 21.340, 89.224

Inverse Universe

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



45, 72.741, 293.691



44, 99.985, 298.247



40, 92.802, 306.847



43, 5.212, 280.238



25, 85.172, 301.563



4, 25.122, 289.521

Previews

White Background



This preview shows how the CIELCh color 76, 63.816, 90.053 looks on a white background.

Color Contrast Check

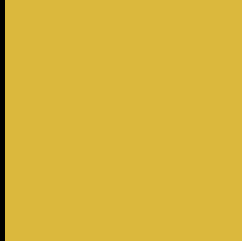
Large Text (above 18pt) WCAG AA × Fail

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, 63.816, 90.053 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, 63.816, 90.053

Background



This preview shows how black text looks on a background with the CIELCh color 76, 63.816, 90.053.



This preview shows how white text looks on a background with the CIELCh color 76, 63.816, 90.053.

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, 63.816, 90.053

Protanopia

76, 63.637, 95.369

Deuteranopia

76, 63.891, 81.318



Tritanopia
76, 22.933, 2.509

Trichromacy



Original Color
76, 63.816, 90.053

Protanomaly
76, 63.595, 93.741

Deuteranomaly
76, 63.681, 84.218

Tritanomaly
76, 28.369, 61.413

Monochromacy



Original Color
76, 63.816, 90.053

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 24.731, 95.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 63.816, 90.053 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(219, 184, 61)` looks like.

```
.text, #text, p{  
    color:rgb(219, 184, 61)  
}
```

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(219, 184, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 184, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 63.816, 90.053 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(219, 184, 61) }
```

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

```
.border{ border-color:rgb(219, 184, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 184, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 184, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 184, 61);  
box-shadow:4px 4px 4px 4px rgb(219, 184,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 63.816, 90.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 184, 61) }
```

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

```
.background{ background-color: rgb(219,  
184, 61) }
```

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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