

Converting Colors

CIELCh(76, 32.449, 85.614)

Have a look what the booklet for
CIELCh(76, 32.449, 85.614) contains.

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Color

CIELCh(76, 32.391, 85.262)

Conversions

Conversions Part 1

Format	Color
Hex	D5B880
RGB	213, 184, 128
RGB Percent	84%, 72%, 50%
CMY	0.1654, 0.2791, 0.4986
CMYK	0.00, 0.14, 0.40, 0.17
HSL	40°, 50%, 67%
HSV	40°, 40%, 83%
XYZ	48.3826, 49.8872, 27.4471
YIQ	186.2870, 35.2600, -11.2680

Conversions

Conversions Part 2

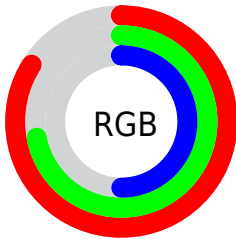
Format	Color
RYB	172, 213, 128
Decimal	14006400
CIELab	76.00, 2.68, 32.28
CIELCh	76, 32.391, 85.262
Yxy	49.8872, 0.3849, 0.3968
Android (android.graphics.Color)	4292196480 (0xFFD5B880)
YUV	186.2870, -28.7355, 23.4273
Hunter-Lab	70.6309, -1.3306, 26.4016

Details

The CIELCh color **76, 32.391, 85.262** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65, 32.030, 277.241**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 30.616, 96.808**, and **56, 32.332, 84.951** is the 20% darker color. If you saturate the color by 10%, you get **74, 40.780, 83.857**, and if you desaturate by 10%, it is **78, 24.053, 86.634**.

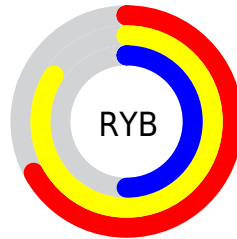
Distribution



Red (84%)

Green (72%)

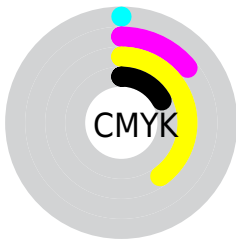
Blue (50%)



Red (67%)

Yellow (84%)

Blue (50%)

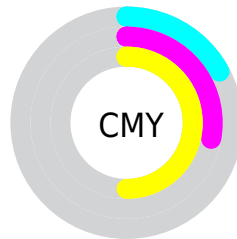


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (17%)



Cyan (17%)

Magenta (28%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 32.391, 85.262 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, 32.391, 85.262 by changing the saturation by 10% instead.

 76, 32.391, 85.262

 76, 32.391, 85.262

 100, 32.391,
85.262

 66, 32.391, 85.262

 96, 32.391, 85.262

 56, 32.391, 85.262

 46, 32.391, 85.262

 36, 32.391, 85.262

 26, 32.391, 85.262

 16, 32.391, 85.262

 6, 32.391, 85.262

 0, 32.391, 85.262

 76, 32.391, 85.262

 76, 32.391, 85.262

74, 40.780, 83.857

78, 24.053, 86.634

72, 49.055, 82.391

81, 15.846, 87.960

70, 56.907, 80.835

83, 7.803, 89.232

68, 63.801, 79.113

85, 0.064, 274.567

66, 68.947, 77.078

88, 7.758, 271.739

64, 71.960, 74.627

90, 15.025,
272.488

64, 71.980, 74.610

92, 12.635,
255.808

94, 11.672,
234.340

96, 12.434,
212.682

Harmonies

Complementary

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



76, 32.391, 85.262



65, 32.030, 277.241

Rectangle

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



76, 32.391, 85.262



76, 32.391, 135.262



76, 32.391, 265.262



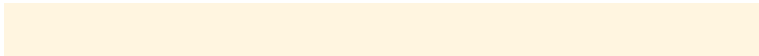
76, 32.391, 315.262

Sweetspot

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



76, 32.392, 85.267



97, 10.949, 88.959



63, 36.626, 357.272



51, 7.274, 88.793



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, 32.392, 85.267



87, 45.363, 84.062



83, 44.060, 113.094



44, 4.480, 89.295



52, 61.121, 75.096



12, 18.059, 77.784

Inverse Universe

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



65, 32.030, 277.241



71, 44.901, 279.315



58, 48.598, 300.012



42, 4.476, 271.770



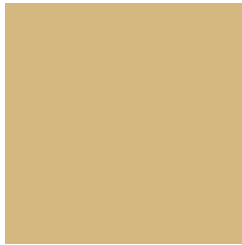
29, 71.131, 295.945



5, 21.012, 283.883

Previews

White Background



This preview shows how the CIELCh color 76, 32.391, 85.262 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 76, 32.391, 85.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

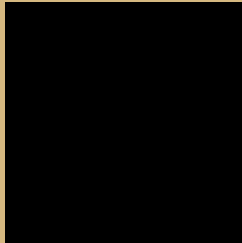
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 32.391, 85.262

Background



This preview shows how black text looks on a background with the CIELCh color 76, 32.391, 85.262.



This preview shows how white text looks on a background with the CIELCh color 76, 32.391, 85.262.

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, 32.391, 85.262

Protanopia

76, 31.580, 95.069

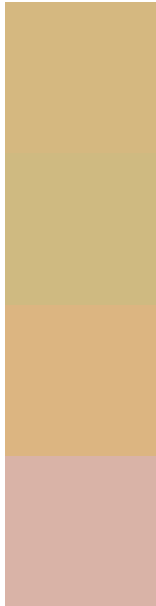
Deuteranopia

76, 33.194, 72.741



Tritanopia
76, 17.844, 356.177

Trichromacy



Original Color
76, 32.391, 85.262

Protanomaly
76, 31.647, 91.211

Deuteranomaly
76, 32.570, 77.260

Tritanomaly
76, 16.396, 43.435

Monochromacy



Original Color
76, 32.391, 85.262

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 11.556, 87.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 32.391, 85.262 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(213, 184, 128)` looks like.

```
.text, #text, p{  
    color:rgb(213, 184, 128)  
}
```

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(213, 184, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 184, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 32.391, 85.262 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(213, 184, 128) }
```

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

```
.border{ border-color:rgb(213, 184, 128) }
```

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

Here you see how a box with a 4 pixel rgb(213, 184, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 184, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 184, 128);  
box-shadow:4px 4px 4px 4px rgb(213, 184,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 32.391, 85.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 184, 128) }
```

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

```
.background{ background-color: rgb(213,  
184, 128) }
```

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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