

Converting Colors

CIELCh(77, 25.832, 69.051)

Have a look what the booklet for
CIELCh(77, 25.832, 69.051) contains.

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Color

CIELCh(77, 25.954, 69.082)

Conversions

Conversions Part 1

Format	Color
Hex	DFB792
RGB	223, 183, 146
RGB Percent	87%, 72%, 57%
CMY	0.1262, 0.2830, 0.4281
CMYK	0.00, 0.18, 0.35, 0.13
HSL	29°, 54%, 72%
HSV	29°, 35%, 87%
XYZ	52.4552, 51.5317, 34.3129
YIQ	190.7420, 35.7170, -3.0270

Conversions

Conversions Part 2

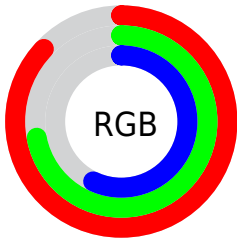
Format	Color
R _Y B	223, 217, 146
Decimal	14661522
CIE Lab	77.00, 9.27, 24.24
CIE LCh	77, 25.954, 69.082
Yxy	51.5317, 0.3793, 0.3726
Android (android.graphics.Color)	4292851602 (0xFFDFB792)
YUV	190.7420, -22.0578, 28.2903
Hunter-Lab	71.7856, 4.8086, 21.9098

Details

The CIELCh color **77, 25.954, 69.082** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 23.262, 258.900**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 20.844, 91.662**, and **57, 26.167, 68.710** is the 20% darker color. If you saturate the color by 10%, you get **74, 34.324, 67.867**, and if you desaturate by 10%, it is **80, 17.975, 70.305**.

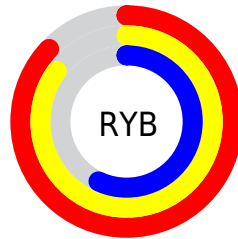
Distribution



Red (87%)

Green (72%)

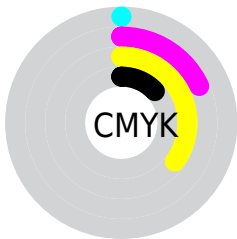
Blue (57%)



Red (87%)

Yellow (85%)

Blue (57%)

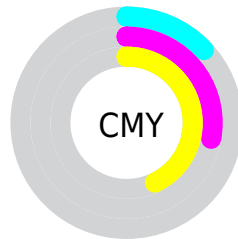


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (13%)



Cyan (13%)

Magenta (28%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 25.954, 69.082 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 77, 25.954, 69.082 by changing the saturation by 10% instead.

77, 25.954, 69.082

77, 25.954, 69.082

100, 25.954,
69.082

67, 25.954, 69.082

97, 25.954, 69.082

57, 25.954, 69.082

47, 25.954, 69.082

37, 25.954, 69.082

27, 25.954, 69.082

17, 25.954, 69.082

7, 25.954, 69.082

0, 25.954, 69.082

77, 25.954, 69.082

77, 25.954, 69.082

74, 34.324, 67.867

80, 17.975, 70.305

71, 43.040, 66.637

84, 10.385, 71.506

68, 51.966, 65.368

87, 3.163, 72.618

65, 60.786, 63.982

91, 3.723, 254.043

62, 68.865, 62.300

94, 9.406, 250.783

60, 75.150, 59.986

97, 10.027,
206.830

58, 77.851, 58.522

98, 10.883,
198.780

Harmonies

Complementary

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



77, 25.954, 69.082



74, 23.262, 258.900

Rectangle

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



77, 25.954, 69.082



77, 25.954, 119.082



77, 25.954, 249.082



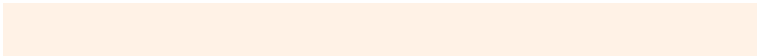
77, 25.954, 299.082

Sweetspot

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



77, 25.954, 69.089



96, 7.875, 72.028



69, 36.096, 345.086



51, 5.392, 71.864



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 25.954, 69.089



85, 34.958, 68.263



87, 38.289, 105.369



45, 4.025, 72.099



47, 65.019, 59.168



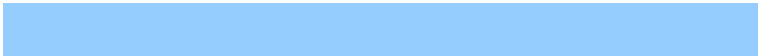
11, 19.656, 58.052

Inverse Universe

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



74, 23.262, 258.900



80, 30.582, 260.454



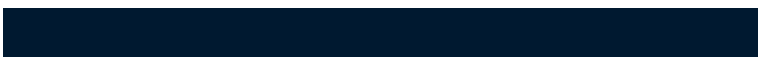
64, 41.516, 293.356



45, 3.925, 254.562



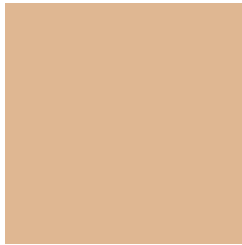
39, 52.398, 281.919



8, 18.360, 272.485

Previews

White Background



This preview shows how the CIELCh color 77, 25.954, 69.082 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 77, 25.954, 69.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

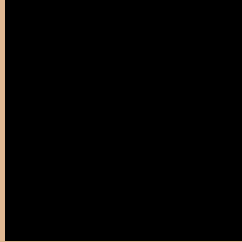
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 25.954, 69.082

Background



This preview shows how black text looks on a background with the CIELCh color 77, 25.954, 69.082.



This preview shows how white text looks on a background with the CIELCh color 77, 25.954, 69.082.

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

77, 25.954, 69.082

Protanopia

77, 22.473, 94.649

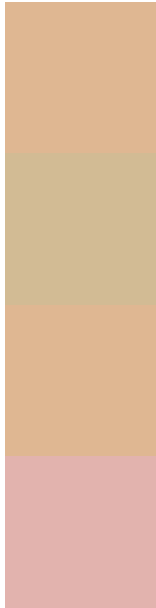
Deuteranopia

77, 25.954, 69.082



Tritanopia
77, 20.498, 1.503

Trichromacy



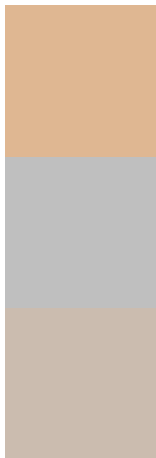
Original Color
77, 25.954, 69.082

Protanomaly
77, 22.893, 84.151

Deuteranomaly
77, 25.954, 69.082

Tritanomaly
77, 18.626, 29.061

Monochromacy



Original Color
77, 25.954, 69.082

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.032, 69.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 25.954, 69.082 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(223, 183, 146)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 146)  
}
```

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(223, 183, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 25.954, 69.082 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(223, 183, 146) }
```

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

```
.border{ border-color:rgb(223, 183, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 183, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 183, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 183, 146);  
box-shadow:4px 4px 4px 4px rgb(223, 183,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 25.954, 69.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 146) }
```

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

```
.background{ background-color: rgb(223,  
183, 146) }
```

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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