

Converting Colors

CIELCh(77, 32.559, 82.317)

Have a look what the booklet for
CIELCh(77, 32.559, 82.317) contains.

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Color

CIELCh(77, 32.559, 82.317)

Conversions

Conversions Part 1

Format	Color
Hex	DBBA83
RGB	219, 186, 131
RGB Percent	86%, 73%, 51%
CMY	0.1431, 0.2724, 0.4880
CMYK	0.00, 0.15, 0.40, 0.14
HSL	38°, 55%, 68%
HSV	38°, 40%, 86%
XYZ	50.5923, 51.5317, 28.5953
YIQ	189.5970, 37.3230, -10.1090

Conversions

Conversions Part 2

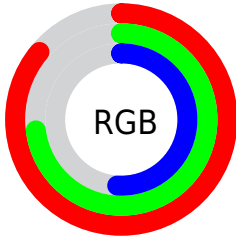
Format	Color
RYB	184, 219, 131
Decimal	14400131
CIELab	77.00, 4.35, 32.27
CIElCh	77, 32.559, 82.317
Yxy	51.5317, 0.3870, 0.3942
Android (android.graphics.Color)	4292590211 (0xFFDBBA83)
YUV	189.5970, -28.8883, 25.7864
Hunter-Lab	71.7856, 0.1766, 26.6322

Details

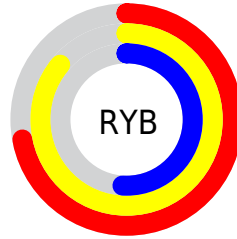
The CIELCh color **77, 32.559, 82.317** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67, 31.583, 274.601**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 29.432, 98.057**, and **57, 32.324, 82.544** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.051, 80.897**, and if you desaturate by 10%, it is **79, 24.175, 83.704**.

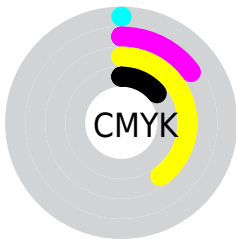
Distribution



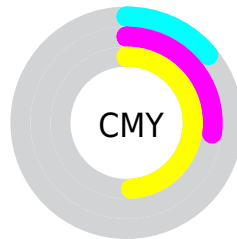
- Red (86%)
- Green (73%)
- Blue (51%)



- Red (72%)
- Yellow (86%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 32.559, 82.317 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, 32.559, 82.317 by changing the saturation by 10% instead.

■ 77, 32.559, 82.317

■ 77, 32.559, 82.317

■ 100, 32.559,
82.317

■ 67, 32.559, 82.317

■ 97, 32.559, 82.317

■ 57, 32.559, 82.317

■ 47, 32.559, 82.317

■ 37, 32.559, 82.317

■ 27, 32.559, 82.317

■ 17, 32.559, 82.317

■ 7, 32.559, 82.317

■ 0, 32.559, 82.317

■ 77, 32.559, 82.317

■ 77, 32.559, 82.317

75, 41.051, 80.897

79, 24.175, 83.704

72, 49.495, 79.413

82, 15.970, 85.045

70, 57.587, 77.829

85, 7.972, 86.333

68, 64.781, 76.051

87, 0.183, 86.048

66, 70.247, 73.906

90, 7.405, 268.886

64, 73.504, 71.349

92, 11.704,
263.348

94, 10.171,
236.983

97, 11.092,
209.297

98, 12.286,
198.685

Harmonies

Complementary

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



77, 32.559, 82.317



67, 31.583, 274.601

Rectangle

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



77, 32.559, 82.317



77, 32.559, 132.317



77, 32.559, 262.317



77, 32.559, 312.317

Sweetspot

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



77, 32.560, 82.322



96, 10.607, 86.099



65, 38.235, 355.058



51, 7.049, 85.932



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, 32.560, 82.322



86, 44.378, 81.162



85, 45.219, 111.588



45, 4.423, 86.434



52, 61.828, 71.897



12, 19.012, 74.137

Inverse Universe

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



67, 31.583, 274.601



72, 42.879, 276.628



59, 50.038, 299.051



43, 4.401, 268.956



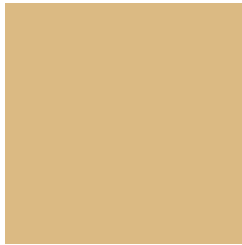
31, 68.060, 293.923



5, 21.579, 283.275

Previews

White Background



This preview shows how the CIELCh color 77, 32.559, 82.317 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 77, 32.559, 82.317 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, 32.559, 82.317

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.559, 82.317.



This preview shows how white text looks on a background with the CIELCh color 77, 32.559, 82.317.

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, 32.559, 82.317

Protanopia

77, 31.403, 95.873

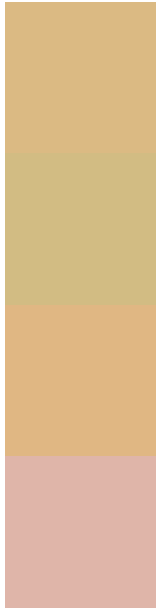
Deuteranopia

77, 33.526, 73.241



Tritanopia
77, 19.037, 359.753

Trichromacy



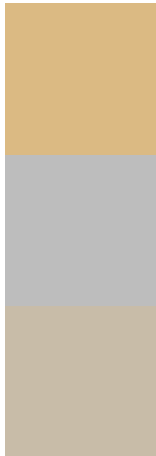
Original Color
77, 32.559, 82.317

Protanomaly
77, 31.713, 90.531

Deuteranomaly
77, 32.961, 76.063

Tritanomaly
77, 17.859, 41.506

Monochromacy



Original Color
77, 32.559, 82.317

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.672, 85.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.559, 82.317 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, 186, 131)` looks like.

```
.text, #text, p{  
    color:rgb(219, 186, 131)  
}
```

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, 186, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 186, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.559, 82.317 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, 186, 131) }
```

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

```
.border{ border-color:rgb(219, 186, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 186, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 186, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 186, 131); box-shadow:4px 4px 4px 4px rgb(219, 186, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.559, 82.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 186, 131) }
```

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

```
.background{ background-color: rgb(219,  
186, 131) }
```

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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