

Converting Colors

CIELCh(80, 39.422, 77.564)

Have a look what the booklet for
CIELCh(80, 39.422, 77.564) contains.

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Color

CIELCh(80, 39.355, 77.497)

Conversions

Conversions Part 1

Format	Color
Hex	EDBF7F
RGB	237, 191, 127
RGB Percent	93%, 75%, 50%
CMY	0.0714, 0.2517, 0.5026
CMYK	0.00, 0.19, 0.46, 0.07
HSL	35°, 75%, 71%
HSV	35°, 46%, 93%
XYZ	57.2706, 56.6813, 27.9422
YIQ	197.4580, 47.9600, -10.1520

Conversions

Conversions Part 2

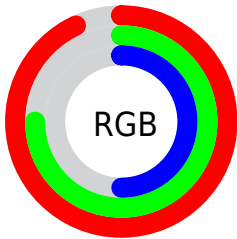
Format	Color
RYB	206, 237, 127
Decimal	15581055
CIELab	80.00, 8.52, 38.42
CIELCh	80, 39.355, 77.497
Yxy	56.6813, 0.4036, 0.3995
Android (android.graphics.Color)	4293771135 (0xFFEDBF7F)
YUV	197.4580, -34.7358, 34.6783
Hunter-Lab	75.2870, 4.0324, 30.6958

Details

The CIELCh color **80, 39.355, 77.497** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70, 36.836, 272.373**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 33.530, 102.270**, and **60, 39.201, 77.595** is the 20% darker color. If you saturate the color by 10%, you get **77, 48.412, 76.051**, and if you desaturate by 10%, it is **83, 30.420, 78.905**.

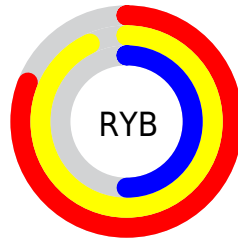
Distribution



Red (93%)

Green (75%)

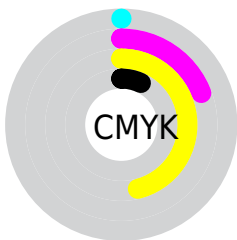
Blue (50%)



Red (81%)

Yellow (93%)

Blue (50%)

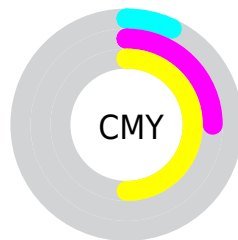


Cyan (0%)

Magenta (19%)

Yellow (46%)

Black (7%)



Cyan (7%)

Magenta (25%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 39.355, 77.497 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 80, 39.355, 77.497 by changing the saturation by 10% instead.

 80, 39.355, 77.497

 80, 39.355, 77.497

 100, 39.355,
77.497

 70, 39.355, 77.497

 60, 39.355, 77.497

 50, 39.355, 77.497

 40, 39.355, 77.497

 30, 39.355, 77.497

 20, 39.355, 77.497

 10, 39.355, 77.497

 0, 39.355, 77.497

 80, 39.355, 77.497

 80, 39.355, 77.497

77, 48.412, 76.051

83, 30.420, 78.905

75, 57.356, 74.519

86, 21.713, 80.271

72, 65.732, 72.821

89, 13.274, 81.597

70, 72.747, 70.788

92, 5.109, 82.856

67, 77.383, 68.150

95, 2.793, 264.304

67, 78.662, 67.133

98, 5.171, 227.429

99, 6.244, 199.116

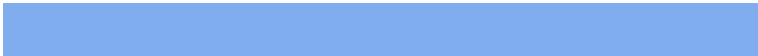
Harmonies

Complementary

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



80, 39.355, 77.497



70, 36.836, 272.373

Rectangle

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



80, 39.355, 77.497



80, 39.355, 127.497



80, 39.355, 257.497



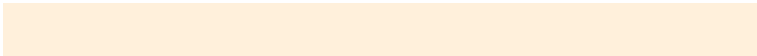
80, 39.355, 307.497

Sweetspot

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



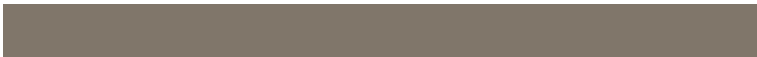
80, 39.355, 77.502



95, 11.954, 81.906



67, 48.035, 352.754



50, 8.283, 81.626



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 39.355, 77.502



83, 50.994, 76.084



91, 55.044, 108.827



48, 4.497, 82.489



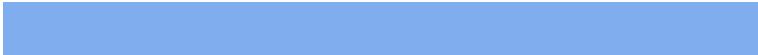
52, 64.232, 67.787



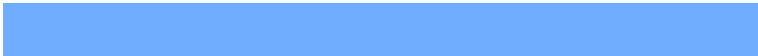
14, 22.470, 69.753

Inverse Universe

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



70, 36.836, 272.373



70, 47.235, 275.161



58, 62.381, 298.602



46, 4.451, 265.057



35, 65.295, 291.045



8, 23.719, 283.650

Previews

White Background



This preview shows how the CIELCh color 80, 39.355, 77.497 looks on a white background.

Color Contrast Check

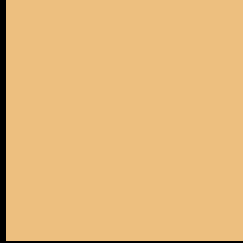
Large Text (above 18pt) WCAG AA × Fail

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 80, 39.355, 77.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

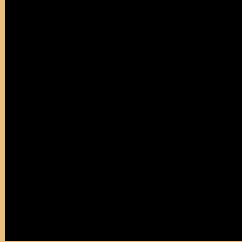
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 39.355, 77.497

Background



This preview shows how black text looks on a background with the CIELCh color 80, 39.355, 77.497.



This preview shows how white text looks on a background with the CIELCh color 80, 39.355, 77.497.

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

80, 39.355, 77.497

Protanopia

80, 36.878, 95.844

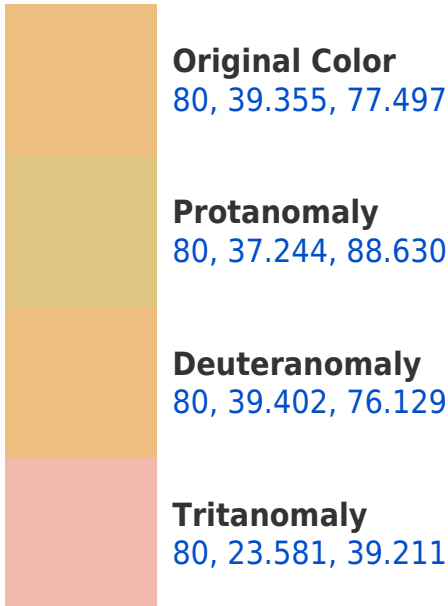
Deuteranopia

80, 39.641, 75.616



Tritanopia
80, 24.163, 3.735

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 39.355, 77.497 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(237, 191, 127)` looks like.

```
.text, #text, p{  
    color:rgb(237, 191, 127)  
}
```

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(237, 191, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 191, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 39.355, 77.497 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(237, 191, 127) }
```

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

```
.border{ border-color:rgb(237, 191, 127) }
```

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

Here you see how a box with a 4 pixel rgb(237, 191, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 191, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 191, 127);  
box-shadow:4px 4px 4px 4px rgb(237, 191,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 39.355, 77.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 191, 127) }
```

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

```
.background{ background-color: rgb(237,  
191, 127) }
```

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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