

Converting Colors

CIELCh(79, 40.469, 73.709)

Have a look what the booklet for
CIELCh(79, 40.469, 73.709) contains.

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Color

CIELCh(79, 40.364, 73.201)

Conversions

Conversions Part 1

Format	Color
Hex	EFBA7C
RGB	239, 186, 124
RGB Percent	94%, 73%, 49%
CMY	0.0627, 0.2705, 0.5137
CMYK	0.00, 0.22, 0.48, 0.06
HSL	32°, 78%, 71%
HSV	32°, 48%, 94%
XYZ	56.7982, 54.9284, 26.6796
YIQ	194.7790, 51.4900, -8.0460

Conversions

Conversions Part 2

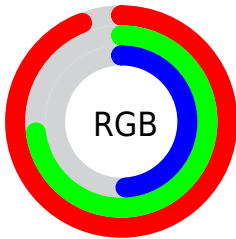
Format	Color
RYB	222, 239, 124
Decimal	15710844
CIELab	79.00, 11.67, 38.64
CIElCh	79, 40.364, 73.201
Yxy	54.9284, 0.4104, 0.3969
Android (android.graphics.Color)	4293900924 (0xFFEFBA7C)
YUV	194.7790, -34.8940, 38.7818
Hunter-Lab	74.1137, 7.0973, 30.5362

Details

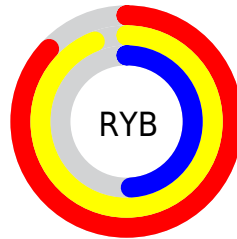
The CIELCh color **79, 40.364, 73.201** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 36.345, 268.676**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 33.402, 98.829**, and **59, 40.363, 72.963** is the 20% darker color. If you saturate the color by 10%, you get **76, 49.550, 71.803**, and if you desaturate by 10%, it is **82, 31.372, 74.568**.

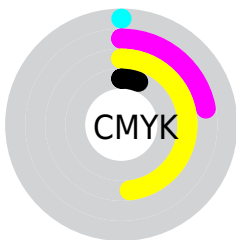
Distribution



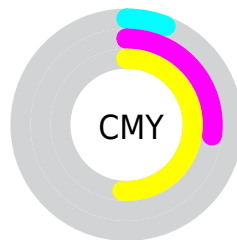
- Red (94%)
- Green (73%)
- Blue (49%)



- Red (87%)
- Yellow (94%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (48%)
- Black (6%)



- Cyan (6%)
- Magenta (27%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 40.364, 73.201 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 79, 40.364, 73.201 by changing the saturation by 10% instead.

 79, 40.364, 73.201

 79, 40.364, 73.201

 100, 40.364,
73.201

 69, 40.364, 73.201

 99, 40.364, 73.201

 59, 40.364, 73.201

 49, 40.364, 73.201

 39, 40.364, 73.201

 29, 40.364, 73.201

 19, 40.364, 73.201

 9, 40.364, 73.201

 0, 40.364, 73.201

 79, 40.364, 73.201

 79, 40.364, 73.201

76, 49.550, 71.803

82, 31.372, 74.568

73, 58.694, 70.315

85, 22.679, 75.902

70, 67.310, 68.638

88, 14.316, 77.207

68, 74.540, 66.561

92, 6.282, 78.460

65, 79.395, 63.798

95, 1.442, 260.042

65, 80.203, 63.265

98, 4.713, 217.604

99, 5.499, 199.177

Harmonies

Complementary

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



79, 40.364, 73.201



71, 36.345, 268.676

Rectangle

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



79, 40.364, 73.201



79, 40.364, 123.201



79, 40.364, 253.201



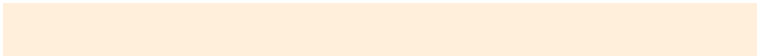
79, 40.364, 303.201

Sweetspot

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



79, 40.364, 73.206



95, 11.563, 77.726



66, 50.849, 350.874



50, 8.019, 77.451



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 40.364, 73.206



81, 52.125, 71.790



92, 57.236, 107.141



48, 4.422, 78.296



51, 65.647, 63.933



14, 23.481, 65.353

Inverse Universe

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



71, 36.345, 268.676



70, 46.011, 271.692



57, 65.347, 298.020



48, 4.349, 260.861



38, 60.932, 287.659



9, 22.906, 280.311

Previews

White Background



This preview shows how the CIELCh color 79, 40.364, 73.201 looks on a white background.

Color Contrast Check

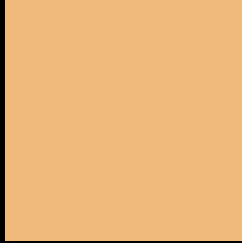
Large Text (above 18pt) WCAG AA × Fail

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 79, 40.364, 73.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

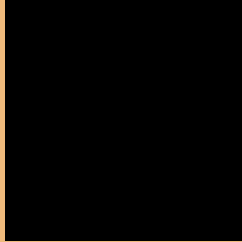
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 40.364, 73.201

Background



This preview shows how black text looks on a background with the CIELCh color 79, 40.364, 73.201.



This preview shows how white text looks on a background with the CIELCh color 79, 40.364, 73.201.

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

79, 40.364, 73.201

Protanopia

79, 36.468, 95.687

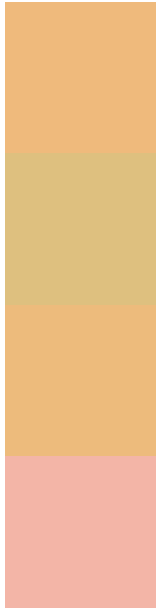
Deuteranopia

79, 39.770, 75.537



Tritanopia
79, 26.388, 6.698

Trichromacy



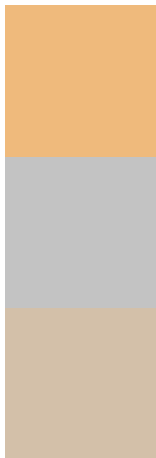
Original Color
79, 40.364, 73.201

Protanomaly
79, 36.701, 86.922

Deuteranomaly
79, 40.014, 75.031

Tritanomaly
79, 26.057, 37.687

Monochromacy



Original Color
79, 40.364, 73.201

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 14.348, 77.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 40.364, 73.201 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(239, 186, 124)` looks like.

```
.text, #text, p{  
    color:rgb(239, 186, 124)  
}
```

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(239, 186, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 186, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 40.364, 73.201 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(239, 186, 124) }
```

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

```
.border{ border-color:rgb(239, 186, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 186, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 186, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 186, 124);  
box-shadow:4px 4px 4px 4px rgb(239, 186,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 40.364, 73.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 186, 124) }
```

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

```
.background{ background-color: rgb(239,  
186, 124) }
```

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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