

Converting Colors

CIELCh(79, 41.319, 58.299)

Have a look what the booklet for
CIELCh(79, 41.319, 58.299) contains.

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Color

CIELCh(79, 41.612, 58.142)

Conversions

Conversions Part 1

Format	Color
Hex	FEB383
RGB	254, 179, 131
RGB Percent	100%, 70%, 51%
CMY	0.0041, 0.2981, 0.4864
CMYK	0.00, 0.30, 0.48, 0.00
HSL	23°, 98%, 75%
HSV	23°, 48%, 100%
XYZ	61.0673, 54.9284, 28.8448
YIQ	195.9530, 60.1080, 0.9720

Conversions

Conversions Part 2

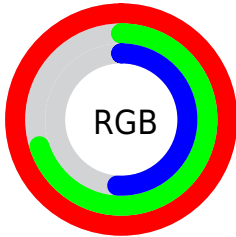
Format	Color
RYB	254, 210, 131
Decimal	16692099
CIELab	79.00, 21.96, 35.34
CIELCh	79, 41.612, 58.142
Yxy	54.9284, 0.4216, 0.3792
Android (android.graphics.Color)	4294882179 (0xFFFE383)
YUV	195.9530, -32.0218, 50.9072
Hunter-Lab	74.1137, 17.3792, 28.8041

Details

The CIELCh color **79, 41.612, 58.142** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 32.511, 250.905**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 26.773, 91.284**, and **59, 41.327, 58.188** is the 20% darker color. If you saturate the color by 10%, you get **75, 51.816, 57.329**, and if you desaturate by 10%, it is **83, 31.935, 59.007**.

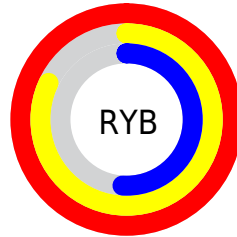
Distribution



Red (100%)

Green (70%)

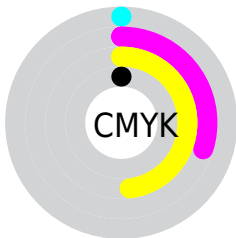
Blue (51%)



Red (100%)

Yellow (82%)

Blue (51%)

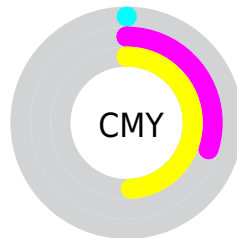


Cyan (0%)

Magenta (30%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 41.612, 58.142 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, 41.612, 58.142 by changing the saturation by 10% instead.

 79, 41.612, 58.142

 79, 41.612, 58.142

 100, 41.612,
58.142

 69, 41.612, 58.142

 99, 41.612, 58.142

 59, 41.612, 58.142

 49, 41.612, 58.142

 39, 41.612, 58.142

 29, 41.612, 58.142

 19, 41.612, 58.142

 9, 41.612, 58.142

 0, 41.612, 58.142

 79, 41.612, 58.142

 79, 41.612, 58.142

75, 51.816, 57.329

83, 31.935, 59.007

71, 62.368, 56.513

87, 22.842, 59.916

68, 72.824, 55.578

92, 14.322, 60.858

65, 82.251, 54.242

96, 6.340, 61.795

62, 89.287, 52.082

100, 0.360,
201.221

62, 90.288, 51.747

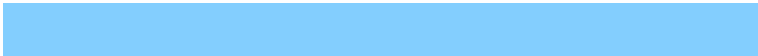
Harmonies

Complementary

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



79, 41.612, 58.142



80, 32.511, 250.905

Rectangle

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



79, 41.612, 58.142



79, 41.612, 108.142



79, 41.612, 238.142



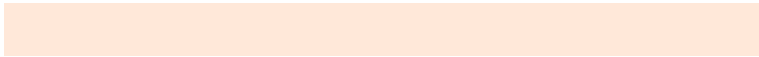
79, 41.612, 288.142

Sweetspot

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



79, 41.611, 58.147



93, 11.565, 61.184



71, 58.412, 342.214



49, 7.945, 60.983



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, 41.611, 58.147



76, 51.540, 57.363



94, 54.625, 99.663



51, 4.306, 61.698



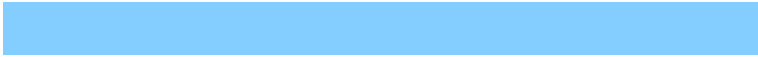
47, 72.528, 52.410



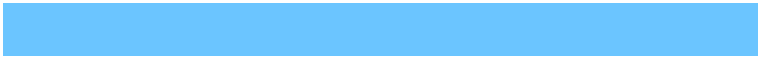
14, 27.545, 51.323

Inverse Universe

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



80, 32.511, 250.905



76, 38.060, 253.688



64, 60.505, 292.637



51, 4.139, 243.838



47, 46.628, 271.118



14, 19.584, 263.895

Previews

White Background



This preview shows how the CIELCh color 79, 41.612, 58.142 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 79, 41.612, 58.142 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, 41.612, 58.142

Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.612, 58.142.



This preview shows how white text looks on a background with the CIELCh color 79, 41.612, 58.142.

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, 41.612, 58.142

Protanopia

79, 31.233, 95.989

Deuteranopia

79, 37.251, 74.399



Tritanopia
79, 31.770, 10.844

Trichromacy



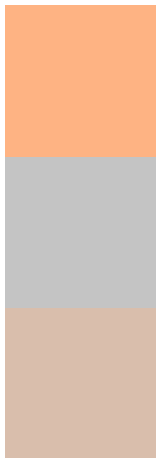
Original Color
79, 41.612, 58.142

Protanomaly
79, 33.221, 79.820

Deuteranomaly
79, 38.328, 67.785

Tritanomaly
79, 32.327, 31.302

Monochromacy



Original Color
79, 41.612, 58.142

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 14.309, 61.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 41.612, 58.142 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(254, 179, 131)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 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(254, 179, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 41.612, 58.142 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(254, 179, 131) }
```

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

```
.border{ border-color:rgb(254, 179, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 179, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 131);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 41.612, 58.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 131) }
```

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

```
.background{ background-color: rgb(254,  
179, 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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