

Converting Colors

CIELCh(79, 30.828, 37.517)

Have a look what the booklet for
CIELCh(79, 30.828, 37.517) contains.

CIELCh(79, 30.962, 37.392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 30.962, 37.392)

Conversions

Conversions Part 1

Format	Color
Hex	FBB2A2
RGB	251, 178, 162
RGB Percent	98%, 70%, 64%
CMY	0.0159, 0.3021, 0.3649
CMYK	0.00, 0.29, 0.35, 0.02
HSL	11°, 92%, 81%
HSV	11°, 35%, 98%
XYZ	62.1933, 54.9284, 41.4852
YIQ	198.0030, 48.6440, 10.5000

Conversions

Conversions Part 2

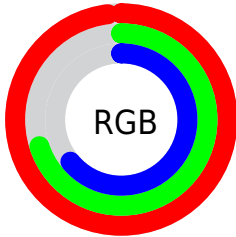
Format	Color
R _Y B	251, 182, 162
Decimal	16495266
CIE Lab	79.00, 24.60, 18.80
CIE LCh	79, 30.962, 37.392
Yxy	54.9284, 0.3921, 0.3463
Android (android.graphics.Color)	4294685346 (0xFFFBB2A2)
YUV	198.0030, -17.7495, 46.4784
Hunter-Lab	74.1137, 20.0913, 18.6920

Details

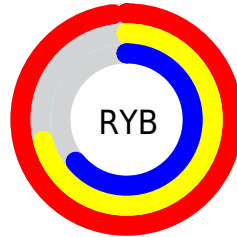
The CIELCh color **79, 30.962, 37.392** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 23.926, 218.610**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 11.692, 67.763**, and **59, 31.198, 37.779** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.367, 37.873**, and if you desaturate by 10%, it is **84, 21.310, 37.129**.

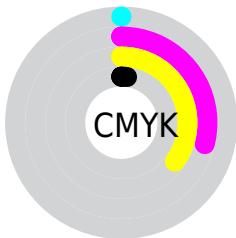
Distribution



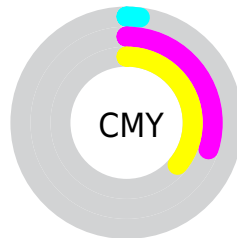
- Red (98%)
- Green (70%)
- Blue (64%)



- Red (98%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (2%)



- Cyan (2%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 30.962, 37.392 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, 30.962, 37.392 by changing the saturation by 10% instead.

79, 30.962, 37.392

79, 30.962, 37.392

100, 30.962,
37.392

69, 30.962, 37.392

99, 30.962, 37.392

59, 30.962, 37.392

49, 30.962, 37.392

39, 30.962, 37.392

29, 30.962, 37.392

19, 30.962, 37.392

9, 30.962, 37.392

0, 30.962, 37.392

79, 30.962, 37.392

79, 30.962, 37.392

74, 41.367, 37.873

84, 21.310, 37.129

69, 52.480, 38.597

90, 12.405, 37.016

65, 64.148, 39.590

95, 4.203, 36.951

61, 76.018, 40.798

100, 1.407,
199.787

58, 87.306, 41.972

55, 96.317, 42.469

54, 99.419, 42.502

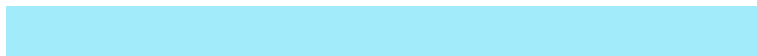
Harmonies

Complementary

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



79, 30.962, 37.392



89, 23.926, 218.610

Rectangle

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



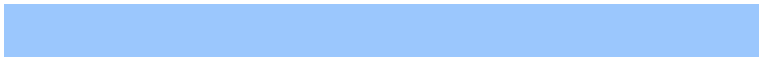
79, 30.962, 37.392



79, 30.962, 87.392



79, 30.962, 217.392



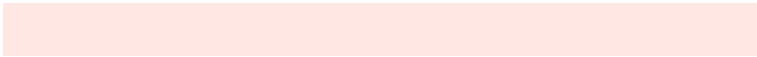
79, 30.962, 267.392

Sweetspot

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



79, 30.960, 37.398



94, 8.775, 36.996



78, 49.734, 331.628



49, 5.930, 37.001



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, 30.960, 37.398



76, 39.247, 37.736



89, 32.967, 86.477



49, 4.433, 36.990



41, 79.818, 42.880



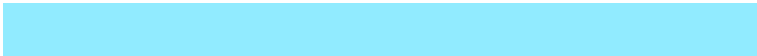
11, 29.027, 35.394

Inverse Universe

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



89, 23.926, 218.610



88, 28.394, 219.254



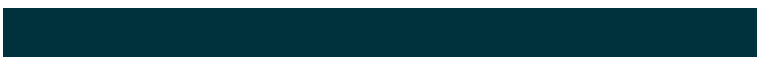
77, 32.731, 276.935



51, 4.172, 217.438



59, 34.786, 231.214



19, 15.712, 226.264

Previews

White Background



This preview shows how the CIELCh color 79, 30.962, 37.392 looks on a white background.

Color Contrast Check

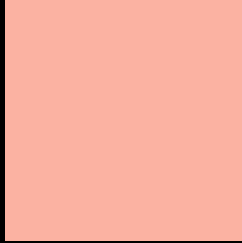
Large Text (above 18pt) WCAG AA × Fail

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, 30.962, 37.392 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, 30.962, 37.392

Background



This preview shows how black text looks on a background with the CIELCh color 79, 30.962, 37.392.



This preview shows how white text looks on a background with the CIELCh color 79, 30.962, 37.392.

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, 30.962, 37.392

Protanopia

79, 13.328, 92.085

Deuteranopia

79, 21.800, 62.896



Tritanopia
79, 31.047, 9.507

Trichromacy



Original Color
79, 30.962, 37.392

Protanomaly
79, 17.270, 60.156

Deuteranomaly
79, 24.507, 50.407

Tritanomaly
79, 30.189, 19.050

Monochromacy



Original Color
79, 30.962, 37.392

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.428, 37.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 30.962, 37.392 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(251, 178, 162)` looks like.

```
.text, #text, p{  
    color:rgb(251, 178, 162)  
}
```

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(251, 178, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 178, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 30.962, 37.392 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(251, 178, 162) }
```

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

```
.border{ border-color:rgb(251, 178, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 178, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 178, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 178, 162);  
box-shadow:4px 4px 4px 4px rgb(251, 178,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 30.962, 37.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 178, 162) }
```

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

```
.background{ background-color: rgb(251,  
178, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor