

Converting Colors

CIELCh(100, 91.029, 39.078)

Have a look what the booklet for
CIELCh(100, 91.029, 39.078)
contains.

CIELCh(82, 35.790, 60.465)	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(82, 35.790, 60.465)

Conversions

Conversions Part 1

Format	Color
Hex	FEBF93
RGB	254, 191, 147
RGB Percent	100%, 75%, 58%
CMY	0.0021, 0.2529, 0.4254
CMYK	0.00, 0.25, 0.42, 0.00
HSL	24°, 99%, 79%
HSV	24°, 42%, 100%
XYZ	64.7969, 60.2982, 35.6341
YIQ	204.8210, 51.6720, -0.3280

Conversions

Conversions Part 2

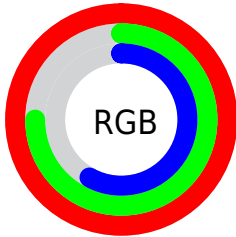
Format	Color
RYB	254, 222, 147
Decimal	16695187
CIELab	82.00, 17.64, 31.14
CIELCh	82, 35.790, 60.465
Yxy	60.2982, 0.4031, 0.3752
Android (android.graphics.Color)	4294885267 (0xFFFEBF93)
YUV	204.8210, -28.5058, 43.1300
Hunter-Lab	77.6519, 13.0591, 27.1484

Details

The CIELCh color $82, 35.790, 60.465$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $82, 29.353, 251.712$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 23.548, 100.986$, and $62, 35.345, 60.436$ is the 20% darker color. If you saturate the color by 10%, you get $78, 45.639, 59.538$, and if you desaturate by 10%, it is $86, 26.482, 61.439$.

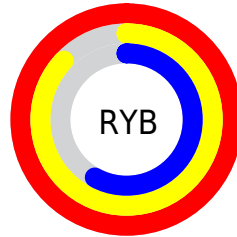
Distribution



Red (100%)

Green (75%)

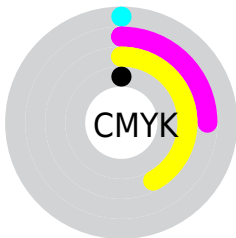
Blue (58%)



Red (100%)

Yellow (87%)

Blue (58%)

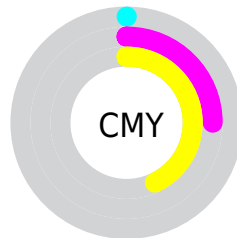


Cyan (0%)

Magenta (25%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 35.790, 60.465 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 82, 35.790, 60.465 by changing the saturation by 10% instead.

 82, 35.790, 60.465

 82, 35.790, 60.465

 100, 35.790,
60.465

 72, 35.790, 60.465

 62, 35.790, 60.465

 52, 35.790, 60.465

 42, 35.790, 60.465

 32, 35.790, 60.465

 22, 35.790, 60.465

 12, 35.790, 60.465

 2, 35.790, 60.465

 0, 35.790, 60.465

82, 35.790, 60.465

82, 35.790, 60.465

78, 45.639, 59.538

86, 26.482, 61.439

74, 55.932, 58.624

90, 17.733, 62.439

71, 66.397, 57.662

94, 9.517, 63.448

68, 76.419, 56.478

99, 1.791, 64.257

65, 84.821, 54.710

100, 0.185,
202.969

63, 89.561, 52.863

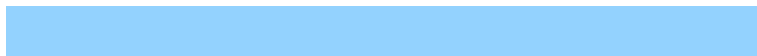
Harmonies

Complementary

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



82, 35.790, 60.465



82, 29.353, 251.712

Rectangle

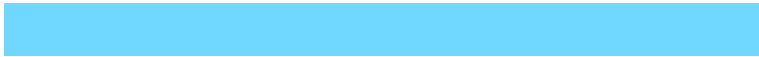
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 35.790, 60.465



82, 35.790, 110.465



82, 35.790, 240.465



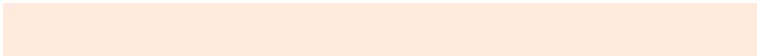
82, 35.790, 290.465

Sweetspot

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



82, 35.789, 60.471



94, 10.000, 63.390



74, 51.163, 342.407



49, 7.046, 63.168



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 35.789, 60.471



79, 44.290, 59.668



95, 48.924, 101.232



51, 4.326, 63.735



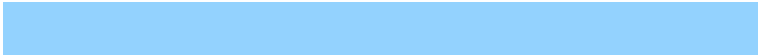
48, 71.852, 53.544



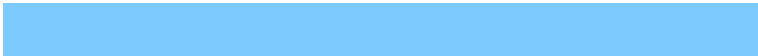
15, 27.403, 52.890

Inverse Universe

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



82, 29.353, 251.712



78, 34.672, 253.953



68, 53.499, 292.101



51, 4.169, 245.965



47, 48.279, 273.503



14, 20.151, 266.344

Previews

White Background



This preview shows how the CIE LCh color 82, 35.790, 60.465 looks on a white background.

Color Contrast Check

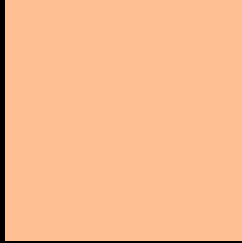
Large Text (above 18pt) WCAG AA × Fail

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 82, 35.790, 60.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

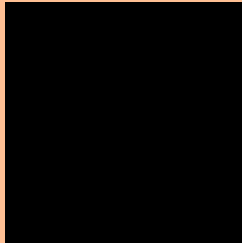
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 35.790, 60.465

Background



This preview shows how black text looks on a background with the CIELCh color 82, 35.790, 60.465.



This preview shows how white text looks on a background with the CIELCh color 82, 35.790, 60.465.

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

82, 35.465, 60.889

Protanopia

82, 27.969, 95.270

Deuteranopia

82, 33.058, 71.963



Tritanopia
82, 26.850, 8.191

Trichromacy



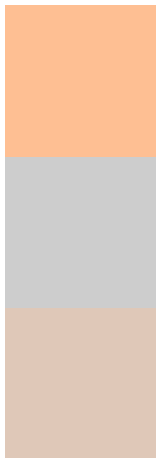
Original Color
82, 35.465, 60.889

Protanomaly
82, 29.269, 80.511

Deuteranomaly
82, 33.906, 67.733

Tritanomaly
82, 26.902, 31.476

Monochromacy



Original Color
82, 35.465, 60.889

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 12.241, 63.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 35.790, 60.465 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, 191, 147)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 147)  
}
```

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, 191, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 35.790, 60.465 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, 191, 147) }
```

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

```
.border{ border-color:rgb(254, 191, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 191, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 147);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 35.790, 60.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 191, 147) }
```

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

```
.background{ background-color: rgb(254,  
191, 147) }
```

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