

Converting Colors

CIELCh(95, 76.720, 41.761)

Have a look what the booklet for
CIELCh(95, 76.720, 41.761) contains.

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Color

CIELCh(82, 36.596, 62.473)

Conversions

Conversions Part 1

Format	Color
Hex	FEBF90
RGB	254, 191, 144
RGB Percent	100%, 75%, 56%
CMY	0.0045, 0.2511, 0.4353
CMYK	0.00, 0.25, 0.43, 0.00
HSL	26°, 98%, 78%
HSV	26°, 43%, 100%
XYZ	64.4752, 60.2982, 34.6248
YIQ	204.4790, 52.6350, -1.2610

Conversions

Conversions Part 2

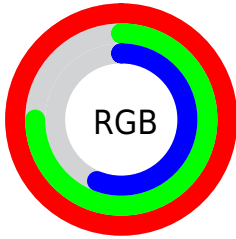
Format	Color
RYB	254, 226, 144
Decimal	16695184
CIELab	82.00, 16.91, 32.45
CIElCh	82, 36.596, 62.473
Yxy	60.2982, 0.4045, 0.3783
Android (android.graphics.Color)	4294885264 (0xFFFEBF90)
YUV	204.4790, -29.8161, 43.4299
Hunter-Lab	77.6519, 12.3196, 27.9191

Details

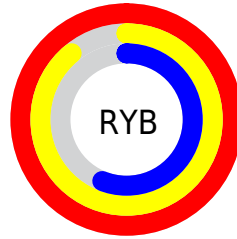
The CIELCh color **82, 36.596, 62.473** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 30.372, 254.519**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 25.051, 101.285**, and **62, 36.591, 62.028** is the 20% darker color. If you saturate the color by 10%, you get **78, 46.399, 61.451**, and if you desaturate by 10%, it is **86, 27.293, 63.528**.

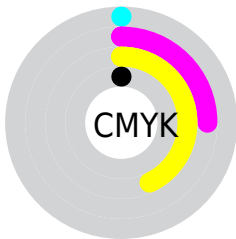
Distribution



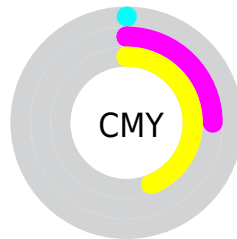
- Red (100%)
- Green (75%)
- Blue (56%)



- Red (100%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 36.596, 62.473 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, 36.596, 62.473 by changing the saturation by 10% instead.

 82, 36.596, 62.473

 82, 36.596, 62.473

 100, 36.596,
62.473

 72, 36.596, 62.473

 62, 36.596, 62.473

 52, 36.596, 62.473

 42, 36.596, 62.473

 32, 36.596, 62.473

 22, 36.596, 62.473

 12, 36.596, 62.473

 2, 36.596, 62.473

 0, 36.596, 62.473

82, 36.596, 62.473

82, 36.596, 62.473

78, 46.399, 61.451

86, 27.293, 63.528

75, 56.587, 60.424

90, 18.517, 64.599

71, 66.857, 59.322

94, 10.249, 65.673

68, 76.548, 57.962

98, 2.452, 66.616

65, 84.456, 55.978

100, 0.397,
201.051

63, 88.424, 54.235

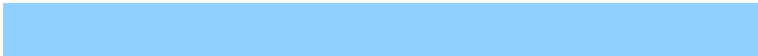
Harmonies

Complementary

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



82, 36.596, 62.473



81, 30.372, 254.519

Rectangle

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



82, 36.596, 62.473



82, 36.596, 112.473



82, 36.596, 242.473



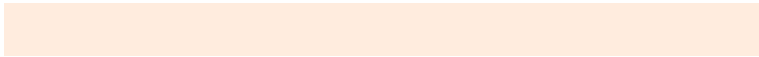
82, 36.596, 292.473

Sweetspot

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



82, 36.595, 62.478



95, 10.065, 65.702



73, 51.519, 343.387



50, 7.089, 65.466



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, 36.595, 62.478



79, 45.289, 61.580



95, 50.531, 102.018



51, 4.356, 66.067



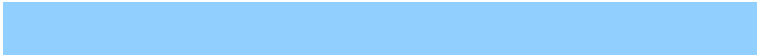
48, 71.095, 54.923



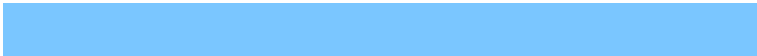
15, 27.264, 54.751

Inverse Universe

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



81, 30.372, 254.519



77, 36.003, 256.882



66, 55.649, 292.995



51, 4.212, 248.387



45, 50.288, 276.100



14, 20.852, 269.040

Previews

White Background



This preview shows how the CIELCh color 82, 36.596, 62.473 looks on a white background.

Color Contrast Check

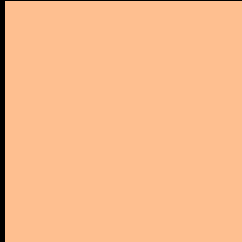
Large Text (above 18pt) WCAG AA × Fail

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, 36.596, 62.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

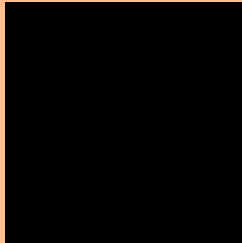
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 36.596, 62.473

Background



This preview shows how black text looks on a background with the CIELCh color 82, 36.596, 62.473.



This preview shows how white text looks on a background with the CIELCh color 82, 36.596, 62.473.

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, 36.641, 62.456

Protanopia

82, 28.985, 95.586

Deuteranopia

82, 34.390, 73.248



Tritanopia
82, 26.850, 8.191

Trichromacy



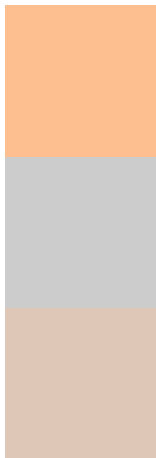
Original Color
82, 36.641, 62.456

Protanomaly
82, 30.219, 81.263

Deuteranomaly
82, 35.183, 69.137

Tritanomaly
82, 27.060, 32.529

Monochromacy



Original Color
82, 36.641, 62.456

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 12.639, 64.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 36.596, 62.473 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 36.596, 62.473 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, 144) }
```

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

```
.border{ border-color:rgb(254, 191, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 144);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 36.596, 62.473 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, 144) }
```

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

```
.background{ background-color: rgb(254,  
191, 144) }
```

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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