

Converting Colors

CIELCh(82, 40.171, 64.501)

Have a look what the booklet for
CIELCh(82, 40.171, 64.501) contains.

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Color

CIELCh(82, 39.783, 65.272)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF89
RGB	255, 191, 137
RGB Percent	100%, 75%, 54%
CMY	0.0002, 0.2511, 0.4629
CMYK	0.00, 0.25, 0.46, 0.00
HSL	27°, 100%, 77%
HSV	27°, 46%, 100%
XYZ	64.3556, 60.2982, 31.8980
YIQ	203.9800, 55.4780, -3.2260

Conversions

Conversions Part 2

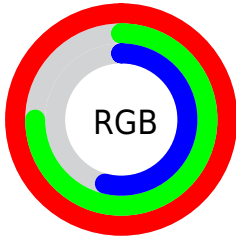
Format	Color
R _Y B	255, 237, 137
Decimal	16760713
CIE Lab	82.00, 16.64, 36.14
CIE LCh	82, 39.783, 65.272
Yxy	60.2982, 0.4111, 0.3852
Android (android.graphics.Color)	4294950793 (0xFFFFBF89)
YUV	203.9800, -33.0211, 44.7445
Hunter-Lab	77.6519, 12.0447, 30.0011

Details

The CIELCh color **82, 39.783, 65.272** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 33.438, 259.084**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 28.551, 101.810**, and **62, 39.953, 65.722** is the 20% darker color. If you saturate the color by 10%, you get **78, 49.643, 64.119**, and if you desaturate by 10%, it is **86, 30.339, 66.436**.

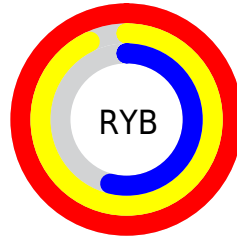
Distribution



Red (100%)

Green (75%)

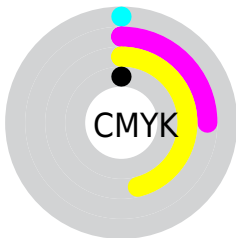
Blue (54%)



Red (100%)

Yellow (93%)

Blue (54%)

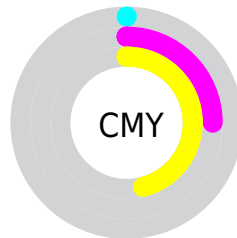


Cyan (0%)

Magenta (25%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 39.783, 65.272 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, 39.783, 65.272 by changing the saturation by 10% instead.

 82, 39.783, 65.272

 82, 39.783, 65.272

 100, 39.783,
65.272

 72, 39.783, 65.272

 62, 39.783, 65.272

 52, 39.783, 65.272

 42, 39.783, 65.272

 32, 39.783, 65.272

 22, 39.783, 65.272

 12, 39.783, 65.272

 2, 39.783, 65.272

 0, 39.783, 65.272

82, 39.783, 65.272

82, 39.783, 65.272

78, 49.643, 64.119

86, 30.339, 66.436

75, 59.748, 62.924

90, 21.371, 67.600

72, 69.688, 61.593

93, 12.878, 68.762

69, 78.642, 59.902

97, 4.833, 69.873

66, 85.314, 57.456

100, 0.019,
235.877

65, 87.322, 56.435

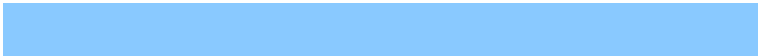
Harmonies

Complementary

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



82, 39.783, 65.272



79, 33.438, 259.084

Rectangle

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



82, 39.783, 65.272



82, 39.783, 115.272



82, 39.783, 245.272



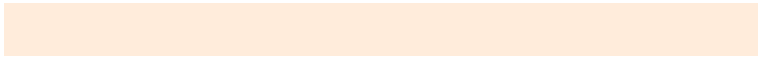
82, 39.783, 295.272

Sweetspot

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



82, 39.783, 65.277



94, 11.008, 69.024



72, 54.000, 345.604



50, 7.644, 68.776



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, 39.783, 65.277



79, 49.371, 64.151



96, 55.658, 103.392



51, 4.416, 69.530



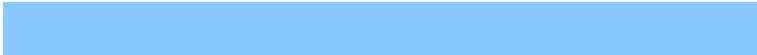
50, 70.018, 57.143



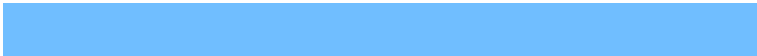
15, 27.108, 57.651

Inverse Universe

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



79, 33.438, 259.084



74, 39.868, 261.931



63, 62.446, 294.972



51, 4.289, 251.961



44, 53.507, 279.716



13, 21.993, 272.845

Previews

White Background



This preview shows how the CIELCh color 82, 39.783, 65.272 looks on a white background.

Color Contrast Check

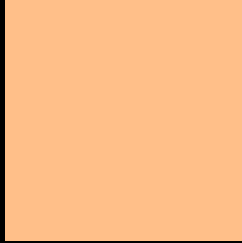
Large Text (above 18pt) WCAG AA × Fail

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, 39.783, 65.272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

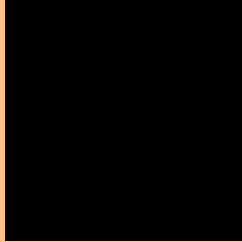
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 39.783, 65.272

Background



This preview shows how black text looks on a background with the CIELCh color 82, 39.783, 65.272.



This preview shows how white text looks on a background with the CIELCh color 82, 39.783, 65.272.

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, 39.783, 65.272

Protanopia

82, 33.211, 95.201

Deuteranopia

82, 37.866, 73.900



Tritanopia
82, 26.850, 8.191

Trichromacy



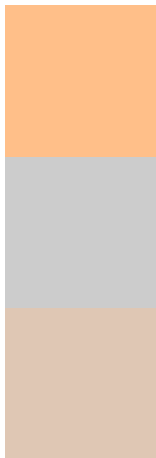
Original Color
82, 39.783, 65.272

Protanomaly
82, 34.232, 83.155

Deuteranomaly
82, 38.763, 71.018

Tritanomaly
82, 27.406, 34.596

Monochromacy



Original Color
82, 39.783, 65.272

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 13.705, 66.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 39.783, 65.272 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(255, 191, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 137)  
}
```

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(255, 191, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 39.783, 65.272 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(255, 191, 137) }
```

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

```
.border{ border-color:rgb(255, 191, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 39.783, 65.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 137) }
```

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

```
.background{ background-color: rgb(255,  
191, 137) }
```

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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