

Converting Colors

CIELCh(88, 22.065, 355.617)

Have a look what the booklet for
CIELCh(88, 22.065, 355.617)
contains.

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Color

CIELCh(87, 20.389, 352.040)

Conversions

Conversions Part 1

Format	Color
Hex	FECDE0
RGB	254, 205, 224
RGB Percent	100%, 80%, 88%
CMY	0.0047, 0.1966, 0.1222
CMYK	0.00, 0.19, 0.12, 0.00
HSL	337°, 95%, 90%
HSV	337°, 19%, 100%
XYZ	76.0372, 70.0064, 79.9190
YIQ	221.8170, 23.1050, 16.2970

Conversions

Conversions Part 2

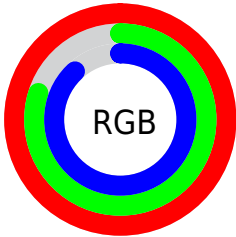
Format	Color
RYB	254, 205, 224
Decimal	16698848
CIELab	87.00, 20.19, -2.82
CIELCh	87, 20.389, 352.040
Yxy	70.0064, 0.3365, 0.3098
Android (android.graphics.Color)	4294888928 (0xFFFECD E0)
YUV	221.8170, 1.0762, 28.2245
Hunter-Lab	83.6698, 15.7945, 1.9368

Details

The CIELCh color **87, 20.389, 352.040** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 19.584, 168.370**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 20.229, 352.249** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.309, 353.250**, and if you desaturate by 10%, it is **93, 9.667, 350.974**.

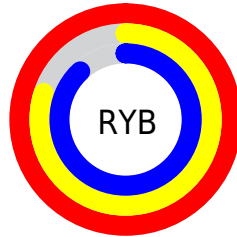
Distribution



Red (100%)

Green (80%)

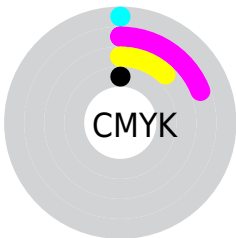
Blue (88%)



Red (100%)

Yellow (80%)

Blue (88%)

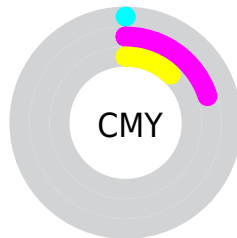


Cyan (0%)

Magenta (19%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 20.389, 352.040 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 87, 20.389, 352.040 by changing the saturation by 10% instead.

 87, 20.389,
352.040


 87, 20.389,
352.040


 100, 20.389,
352.040


 77, 20.389,
352.040

 67, 20.389,
352.040

 57, 20.389,
352.040

 47, 20.389,
352.040

 37, 20.389,
352.040

 27, 20.389,
352.040

 17, 20.389,

352.040

■ 7, 20.389, 352.040

■ 0, 20.389, 352.040

■ 87, 20.389,
352.040

■ 87, 20.389,
352.040

■ 81, 31.309,
353.250

■ 93, 9.667, 350.974

■ 75, 42.218,
354.660

100, 0.413,
195.827

■ 69, 52.777,
356.349

100, 0.412,
200.987

■ 64, 62.524,
358.423

■ 60, 70.914, 1.028

■ 57, 77.453, 4.340

■ 55, 81.926, 8.536

■ 54, 84.751, 13.631

■ 54, 84.951, 14.005

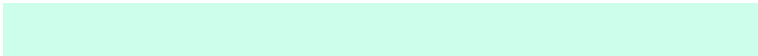
Harmonies

Complementary

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



87, 20.389, 352.040



96, 19.584, 168.370

Rectangle

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



87, 20.389, 352.040



87, 20.389, 42.040



87, 20.389, 172.040



87, 20.389, 222.040

Sweetspot

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



87, 20.386, 352.043



96, 6.238, 350.629



86, 27.709, 313.319



51, 4.142, 350.699



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

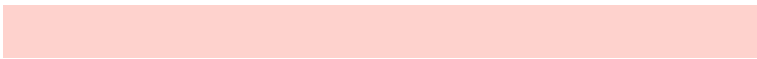
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 20.386, 352.043



85, 24.524, 352.473



88, 16.842, 29.214



50, 5.945, 350.997



41, 68.494, 12.992



10, 31.286, 5.828

Inverse Universe

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



87, 20.386, 352.043



85, 24.524, 352.473



95, 14.757, 208.401



50, 5.945, 350.997



41, 68.494, 12.992



10, 31.286, 5.828

Previews

White Background



This preview shows how the CIELCh color 87, 20.389, 352.040 looks on a white background.

Color Contrast Check

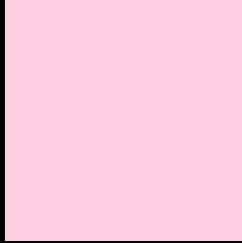
Large Text (above 18pt) WCAG AA × Fail

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 87, 20.389, 352.040 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 87, 20.389, 352.040

Background



This preview shows how black text looks on a background with the CIELCh color 87, 20.389, 352.040.



This preview shows how white text looks on a background with the CIELCh color 87, 20.389, 352.040.

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
87, 20.406, 352.048

Protanopia
87, 7.348, 293.530

Deuteranopia
87, 11.337, 346.698



Tritanopia
87, 19.440, 355.591

Trichromacy



Original Color
87, 20.406, 352.048

Protanomaly
87, 10.198, 329.831

Deuteranomaly
87, 14.368, 349.966

Tritanomaly
87, 19.643, 354.196

Monochromacy



Original Color
87, 20.406, 352.048

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 7.484, 350.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 20.389, 352.040 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, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 224)  
}
```

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, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 20.389, 352.040 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, 205, 224) }
```

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

```
.border{ border-color:rgb(254, 205, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 20.389, 352.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 224) }
```

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

```
.background{ background-color: rgb(254,  
205, 224) }
```

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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