

Converting Colors

CIELCh(87, 12.251, 20.268)

Have a look what the booklet for
CIELCh(87, 12.251, 20.268) contains.

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Color

CIELCh(87, 12.265, 20.273)

Conversions

Conversions Part 1

Format	Color
Hex	F3D2D2
RGB	243, 210, 210
RGB Percent	95%, 82%, 82%
CMY	0.0459, 0.1753, 0.1754
CMYK	0.00, 0.14, 0.14, 0.05
HSL	0°, 59%, 89%
HSV	0°, 14%, 95%
XYZ	71.8472, 70.0064, 70.8826
YIQ	219.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

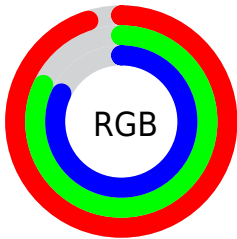
Format	Color
R _Y B	243, 210, 210
Decimal	15979218
CIE Lab	87.00, 11.51, 4.25
CIE LCh	87, 12.265, 20.273
Yxy	70.0064, 0.3377, 0.3291
Android (android.graphics.Color)	4294169298 (0xFFF3D2D2)
YUV	219.8670, -4.8644, 20.2876
Hunter-Lab	83.6698, 6.8556, 8.3401

Details

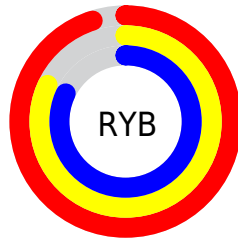
The CIELCh color **87, 12.265, 20.273** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 11.235, 198.741**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 12.634, 18.079** is the 20% darker color. If you saturate the color by 10%, you get **81, 22.157, 21.216**, and if you desaturate by 10%, it is **94, 3.100, 19.428**.

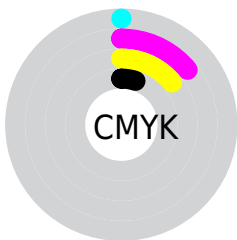
Distribution



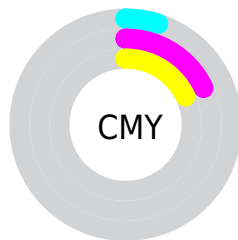
- Red (95%)
- Green (82%)
- Blue (82%)



- Red (95%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 12.265, 20.273 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, 12.265, 20.273 by changing the saturation by 10% instead.

 87, 12.265, 20.273

 87, 12.265, 20.273

 100, 12.265,
20.273

 77, 12.265, 20.273

 67, 12.265, 20.273

 57, 12.265, 20.273

 47, 12.265, 20.273

 37, 12.265, 20.273

 27, 12.265, 20.273

 17, 12.265, 20.273

 7, 12.265, 20.273

 0, 12.265, 20.273

87, 12.265, 20.273

87, 12.265, 20.273

81, 22.157, 21.216

94, 3.100, 19.428

74, 32.768, 22.413

99, 4.041, 199.313

69, 44.007, 23.978

63, 55.684, 26.023

59, 67.487, 28.652

55, 78.980, 31.890

53, 89.488, 35.494

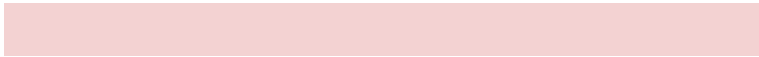
51, 97.565, 38.633

51, 100.917,
40.001

Harmonies

Complementary

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



87, 12.265, 20.273



94, 11.235, 198.741

Rectangle

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



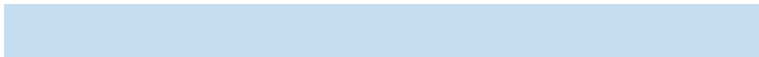
87, 12.265, 20.273



87, 12.265, 70.273



87, 12.265, 200.273



87, 12.265, 250.273

Sweetspot

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



87, 12.263, 20.283



97, 3.616, 19.478



88, 20.847, 325.176



51, 2.577, 19.555



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, 12.263, 20.283



89, 15.171, 20.495



91, 10.496, 73.710



48, 5.079, 19.952



39, 82.549, 40.001



8, 31.021, 25.015

Inverse Universe

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



94, 11.235, 198.741



97, 13.665, 198.607



89, 10.143, 257.305



50, 4.782, 198.978



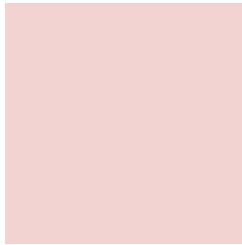
69, 39.552, 196.409



22, 17.586, 196.406

Previews

White Background



This preview shows how the CIELCh color 87, 12.265, 20.273 looks on a white background.

Color Contrast Check

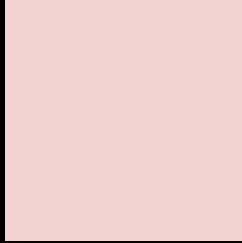
Large Text (above 18pt) WCAG AA × Fail

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, 12.265, 20.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

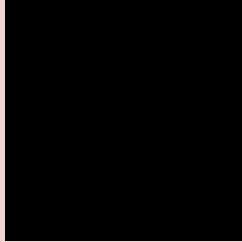
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 12.265, 20.273

Background



This preview shows how black text looks on a background with the CIELCh color 87, 12.265, 20.273.



This preview shows how white text looks on a background with the CIELCh color 87, 12.265, 20.273.

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, 12.265, 20.273

Protanopia

87, 2.669, 55.180

Deuteranopia

87, 11.528, 22.784



Tritanopia
87, 15.830, 348.824

Trichromacy



Original Color
87, 12.265, 20.273

Protanomaly
87, 5.587, 30.431

Deuteranomaly
87, 11.528, 22.784

Tritanomaly
87, 13.837, 358.346

Monochromacy



Original Color
87, 12.265, 20.273

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 4.367, 19.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 12.265, 20.273 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(243, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(243, 210, 210)  
}
```

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(243, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 210, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 12.265, 20.273 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(243, 210, 210) }
```

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

```
.border{ border-color:rgb(243, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(243, 210,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 12.265, 20.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 210, 210) }
```

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

```
.background{ background-color: rgb(243,  
210, 210) }
```

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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