

Converting Colors

CIELCh(87, 12.355, 25.074)

Have a look what the booklet for
CIELCh(87, 12.355, 25.074) contains.

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Color

CIELCh(87, 12.355, 25.083)

Conversions

Conversions Part 1

Format	Color
Hex	F3D2D0
RGB	243, 210, 208
RGB Percent	95%, 82%, 82%
CMY	0.0454, 0.1748, 0.1827
CMYK	0.00, 0.14, 0.14, 0.05
HSL	3°, 60%, 89%
HSV	3°, 14%, 95%
XYZ	71.6981, 70.0064, 69.6776
YIQ	219.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

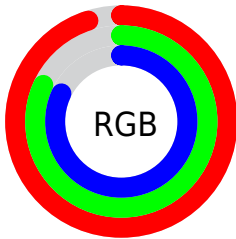
Format	Color
R _Y B	243, 210, 208
Decimal	15979216
CIE Lab	87.00, 11.19, 5.24
CIE LCh	87, 12.355, 25.083
Yxy	70.0064, 0.3392, 0.3312
Android (android.graphics.Color)	4294169296 (0xFFFF3D2D0)
YUV	219.6390, -5.7380, 20.4876
Hunter-Lab	83.6698, 6.5374, 9.1941

Details

The CIELCh color **87, 12.355, 25.083** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 11.230, 204.044**, 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, 12.700, 23.016** is the 20% darker color. If you saturate the color by 10%, you get **81, 21.817, 25.805**, and if you desaturate by 10%, it is **93, 3.614, 24.464**.

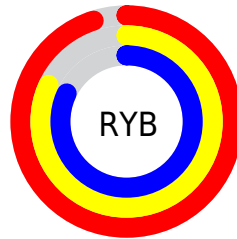
Distribution



Red (95%)

Green (82%)

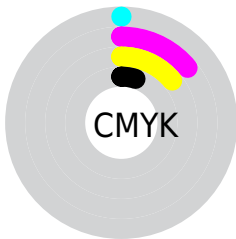
Blue (82%)



Red (95%)

Yellow (82%)

Blue (82%)

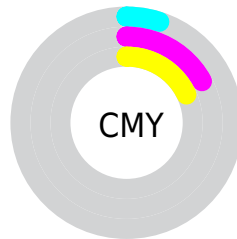


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (5%)



Cyan (5%)

Magenta (17%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 12.355, 25.083 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, 12.355, 25.083 by changing the saturation by 10% instead.

 87, 12.355, 25.083

 87, 12.355, 25.083

 100, 12.355,
25.083

 77, 12.355, 25.083

 67, 12.355, 25.083

 57, 12.355, 25.083

 47, 12.355, 25.083

 37, 12.355, 25.083

 27, 12.355, 25.083

 17, 12.355, 25.083

 7, 12.355, 25.083

 0, 12.355, 25.083

87, 12.355, 25.083

87, 12.355, 25.083

81, 21.817, 25.805

93, 3.614, 24.464

75, 32.015, 26.748

99, 3.993, 199.318

70, 42.901, 28.006

64, 54.343, 29.668

60, 66.099, 31.804

56, 77.768, 34.408

54, 88.621, 37.239

52, 97.066, 39.530

51, 100.243,
40.440

Harmonies

Complementary

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



87, 12.355, 25.083



93, 11.230, 204.044

Rectangle

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



87, 12.355, 25.083



87, 12.355, 75.083



87, 12.355, 205.083



87, 12.355, 255.083

Sweetspot

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



87, 12.353, 25.094



97, 3.419, 24.431



87, 21.381, 326.607



52, 2.437, 24.495



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

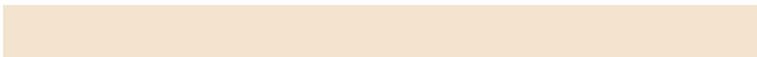
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 12.353, 25.094



89, 15.327, 25.265



91, 11.541, 78.767



48, 4.806, 24.799



39, 81.758, 40.598



9, 29.818, 28.049

Inverse Universe

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



93, 11.230, 204.044



96, 13.671, 203.963



89, 11.254, 262.681



50, 4.519, 204.220



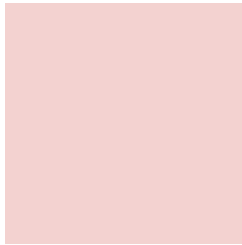
65, 36.702, 206.002



20, 16.462, 204.637

Previews

White Background



This preview shows how the CIELCh color 87, 12.355, 25.083 looks on a white background.

Color Contrast Check

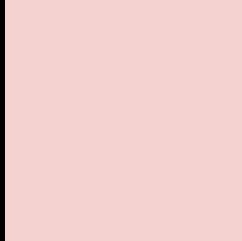
Large Text (above 18pt) WCAG AA × Fail

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, 12.355, 25.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

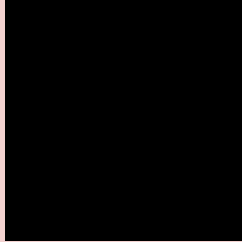
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

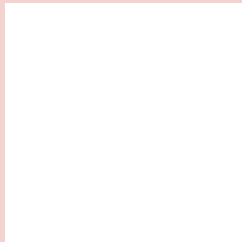
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 12.355, 25.083

Background



This preview shows how black text looks on a background with the CIELCh color 87, 12.355, 25.083.

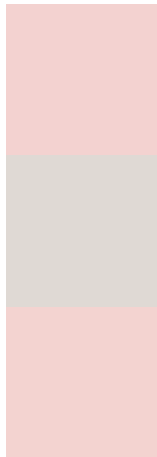


This preview shows how white text looks on a background with the CIELCh color 87, 12.355, 25.083.

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, 12.355, 25.083

Protanopia

87, 3.386, 69.647

Deuteranopia

87, 12.042, 27.650



Tritanopia
87, 15.830, 348.824

Trichromacy



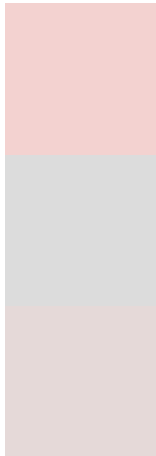
Original Color
87, 12.355, 25.083

Protanomaly
87, 5.885, 40.403

Deuteranomaly
87, 12.042, 27.650

Tritanomaly
87, 13.667, 0.388

Monochromacy



Original Color
87, 12.355, 25.083

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.397, 26.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 12.355, 25.083 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(243, 210, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 210, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 12.355, 25.083 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, 208) }
```

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

```
.border{ border-color:rgb(243, 210, 208) }
```

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, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(243, 210,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 12.355, 25.083 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, 208) }
```

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

```
.background{ background-color: rgb(243,  
210, 208) }
```

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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