

Converting Colors

CIELCh(87, 20.724, 78.415)

Have a look what the booklet for
CIELCh(87, 20.724, 78.415) contains.

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Color

CIELCh(87, 20.683, 78.068)

Conversions

Conversions Part 1

Format	Color
Hex	F1D6B4
RGB	241, 214, 180
RGB Percent	95%, 84%, 71%
CMY	0.0554, 0.1612, 0.2945
CMYK	0.00, 0.11, 0.25, 0.06
HSL	33°, 68%, 83%
HSV	33°, 25%, 94%
XYZ	68.4802, 70.0064, 53.0238
YIQ	218.1970, 27.0060, -4.8500

Conversions

Conversions Part 2

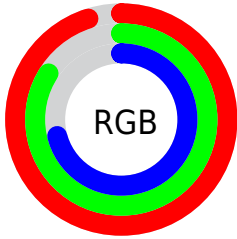
Format	Color
RYB	228, 241, 180
Decimal	15849140
CIELab	87.00, 4.28, 20.24
CIElCh	87, 20.683, 78.068
Yxy	70.0064, 0.3576, 0.3655
Android (android.graphics.Color)	4294039220 (0xFFFF1D6B4)
YUV	218.1970, -18.8311, 19.9982
Hunter-Lab	83.6698, -0.3274, 20.9952

Details

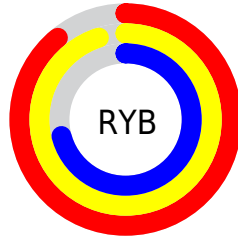
The CIELCh color **87, 20.683, 78.068** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 19.774, 265.295**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **67, 20.580, 77.769** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.397, 76.729**, and if you desaturate by 10%, it is **90, 12.280, 79.387**.

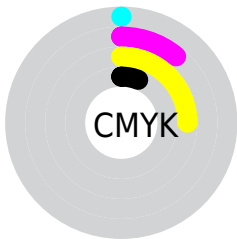
Distribution



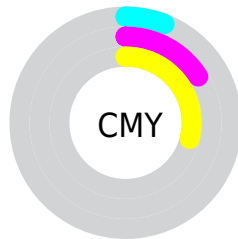
- Red (95%)
- Green (84%)
- Blue (71%)



- Red (89%)
- Yellow (95%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (6%)



- Cyan (6%)
- Magenta (16%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 20.683, 78.068 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, 20.683, 78.068 by changing the saturation by 10% instead.

 87, 20.683, 78.068

 87, 20.683, 78.068

 100, 20.683,
78.068

 77, 20.683, 78.068

 67, 20.683, 78.068

 57, 20.683, 78.068

 47, 20.683, 78.068

 37, 20.683, 78.068

 27, 20.683, 78.068

 17, 20.683, 78.068

 7, 20.683, 78.068

 0, 20.683, 78.068

87, 20.683, 78.068

87, 20.683, 78.068

84, 29.397, 76.729

90, 12.280, 79.387

81, 38.392, 75.351

93, 4.181, 80.617

78, 47.581, 73.932

97, 3.630, 262.059

75, 56.761, 72.440

99, 4.863, 199.233

72, 65.513, 70.795

70, 73.080, 68.826

67, 78.390, 66.244

66, 80.208, 64.872

Harmonies

Complementary

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



87, 20.683, 78.068



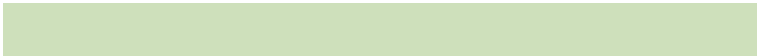
82, 19.774, 265.295

Rectangle

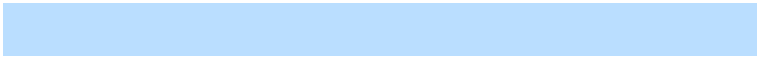
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 20.683, 78.068



87, 20.683, 128.068



87, 20.683, 258.068



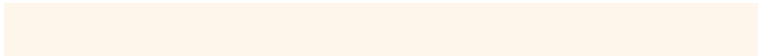
87, 20.683, 308.068

Sweetspot

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



87, 20.684, 78.076



97, 6.621, 80.303



79, 26.743, 348.867



51, 4.720, 80.118



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, 20.684, 78.076



90, 25.896, 77.437



94, 31.060, 109.878



49, 4.485, 80.126



52, 65.291, 65.546



15, 23.556, 67.287

Inverse Universe

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



82, 19.774, 265.295



84, 24.524, 266.228



75, 32.990, 294.895



47, 4.424, 262.699



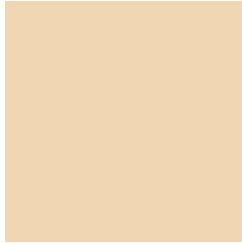
37, 63.104, 289.188



9, 23.652, 282.016

Previews

White Background



This preview shows how the CIELCh color 87, 20.683, 78.068 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, 20.683, 78.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

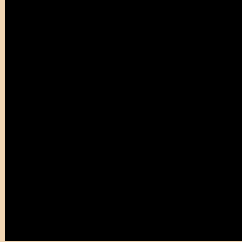
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 20.683, 78.068

Background



This preview shows how black text looks on a background with the CIELCh color 87, 20.683, 78.068.



This preview shows how white text looks on a background with the CIELCh color 87, 20.683, 78.068.

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, 20.683, 78.068

Protanopia

87, 19.287, 94.705

Deuteranopia

87, 22.528, 61.967



Tritanopia
87, 16.143, 349.550

Trichromacy



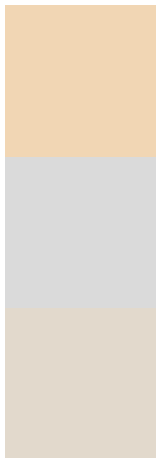
Original Color
87, 20.683, 78.068

Protanomaly
87, 19.872, 89.232

Deuteranomaly
87, 21.452, 66.437

Tritanomaly
87, 12.735, 24.966

Monochromacy



Original Color
87, 20.683, 78.068

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 7.538, 83.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 20.683, 78.068 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(241, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(241, 214, 180)  
}
```

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(241, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 214, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 20.683, 78.068 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(241, 214, 180) }
```

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

```
.border{ border-color:rgb(241, 214, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 214, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 214, 180);  
box-shadow:4px 4px 4px 4px rgb(241, 214,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 20.683, 78.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 214, 180) }
```

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

```
.background{ background-color: rgb(241,  
214, 180) }
```

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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