

Converting Colors

CIELCh(87, 23.365, 59.909)

Have a look what the booklet for
CIELCh(87, 23.365, 59.909) contains.

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Color

CIELCh(87, 23.469, 60.028)

Conversions

Conversions Part 1

Format	Color
Hex	FED1B4
RGB	254, 209, 180
RGB Percent	100%, 82%, 71%
CMY	0.0037, 0.1802, 0.2939
CMYK	0.00, 0.18, 0.29, 0.00
HSL	24°, 98%, 85%
HSV	24°, 29%, 100%
XYZ	71.9510, 70.0064, 52.9285
YIQ	219.1490, 36.1290, 0.5210

Conversions

Conversions Part 2

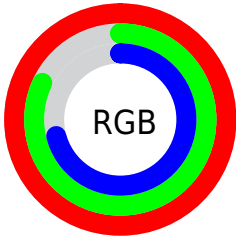
Format	Color
R_{YB}	254, 228, 180
Decimal	16699828
CIE _{Lab}	87.00, 11.72, 20.33
CIE _{LCh}	87, 23.469, 60.028
Yxy	70.0064, 0.3692, 0.3592
Android (android.graphics.Color)	4294889908 (0xFF FED1B4)
YUV	219.1490, -19.3005, 30.5643
Hunter-Lab	83.6698, 7.0771, 21.0628

Details

The CIELCh color **87, 23.469, 60.028** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 20.466, 246.901**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **67, 23.433, 61.032** is the 20% darker color. If you saturate the color by 10%, you get **83, 32.603, 59.123**, and if you desaturate by 10%, it is **91, 14.908, 60.983**.

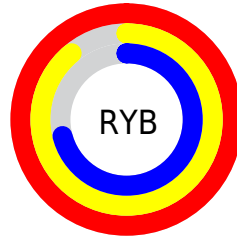
Distribution



Red (100%)

Green (82%)

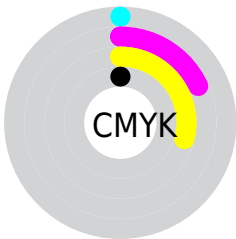
Blue (71%)



Red (100%)

Yellow (89%)

Blue (71%)

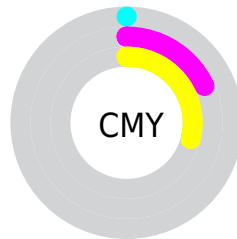


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 23.469, 60.028 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, 23.469, 60.028 by changing the saturation by 10% instead.

 87, 23.469, 60.028

 87, 23.469, 60.028

 100, 23.469,
60.028

 77, 23.469, 60.028

 67, 23.469, 60.028

 57, 23.469, 60.028

 47, 23.469, 60.028

 37, 23.469, 60.028

 27, 23.469, 60.028

 17, 23.469, 60.028

 7, 23.469, 60.028

 0, 23.469, 60.028

87, 23.469, 60.028

87, 23.469, 60.028

83, 32.603, 59.123

91, 14.908, 60.983

79, 42.316, 58.258

96, 6.886, 61.930

75, 52.547, 57.432

100, 0.327,
201.409

71, 63.102, 56.601

68, 73.511, 55.637

65, 82.796, 54.242

62, 89.672, 52.035

62, 90.230, 51.852

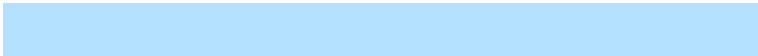
Harmonies

Complementary

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



87, 23.469, 60.028



87, 20.466, 246.901

Rectangle

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



87, 23.469, 60.028



87, 23.469, 110.028



87, 23.469, 240.028



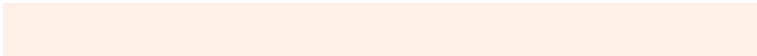
87, 23.469, 290.028

Sweetspot

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



87, 23.469, 60.036



96, 6.807, 61.941



81, 35.709, 340.224



51, 4.753, 61.808



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, 23.469, 60.036



85, 28.848, 59.494



96, 33.279, 101.806



51, 4.307, 61.895



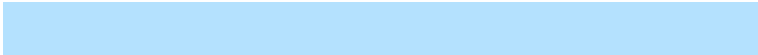
47, 72.462, 52.517



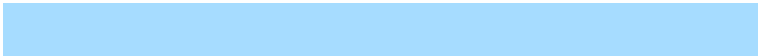
14, 27.530, 51.473

Inverse Universe

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



87, 20.466, 246.901



85, 24.369, 248.018



78, 35.067, 288.881



51, 4.142, 244.045



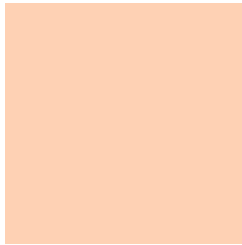
47, 46.784, 271.354



14, 19.637, 264.136

Previews

White Background



This preview shows how the CIELCh color 87, 23.469, 60.028 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, 23.469, 60.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

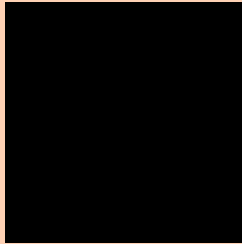
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 23.469, 60.028

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.469, 60.028.

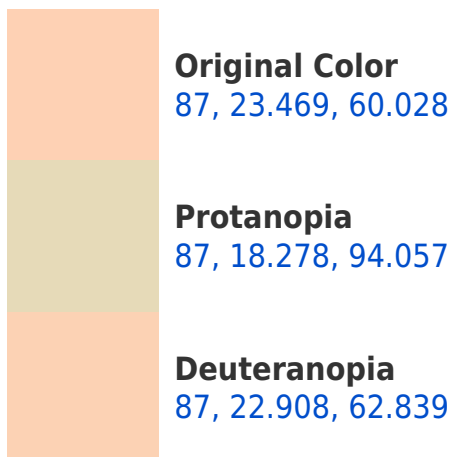


This preview shows how white text looks on a background with the CIELCh color 87, 23.469, 60.028.

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





Tritanopia
87, 19.763, 359.371

Trichromacy



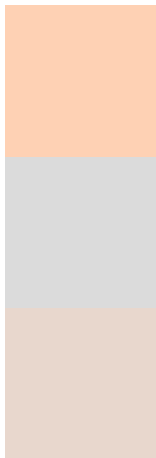
Original Color
87, 23.469, 60.028

Protanomaly
87, 19.140, 79.678

Deuteranomaly
87, 23.206, 62.176

Tritanomaly
87, 18.501, 22.373

Monochromacy



Original Color
87, 23.469, 60.028

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.189, 59.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.469, 60.028 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, 209, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 209, 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(254, 209, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 209, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.469, 60.028 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, 209, 180) }
```

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

```
.border{ border-color:rgb(254, 209, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 209, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 209, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 209, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 209,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.469, 60.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 209, 180) }
```

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

```
.background{ background-color: rgb(254,  
209, 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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