

Converting Colors

CIELCh(91, 20.179, 57.041)

Have a look what the booklet for
CIELCh(91, 20.179, 57.041) contains.

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Color

CIELCh(90, 18.068, 63.117)

Conversions

Conversions Part 1

Format	Color
Hex	FEDCC4
RGB	254, 220, 196
RGB Percent	100%, 86%, 77%
CMY	0.0037, 0.1369, 0.2310
CMYK	0.00, 0.13, 0.23, 0.00
HSL	25°, 97%, 88%
HSV	25°, 23%, 100%
XYZ	76.4845, 76.3034, 62.9844
YIQ	227.4300, 27.9680, -0.2560

Conversions

Conversions Part 2

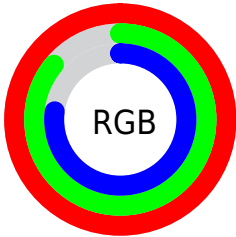
Format	Color
R _Y B	254, 237, 196
Decimal	16702660
CIE Lab	90.00, 8.17, 16.12
CIE LCh	90, 18.068, 63.117
Yxy	76.3034, 0.3545, 0.3536
Android (android.graphics.Color)	4294892740 (0xFFFE ^D CC4)
YUV	227.4300, -15.4950, 23.3019
Hunter-Lab	87.3518, 3.4274, 18.3956

Details

The CIELCh color **90, 18.068, 63.117** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.421, 248.635**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **70, 18.274, 63.116** is the 20% darker color. If you saturate the color by 10%, you get **86, 26.825, 62.104**, and if you desaturate by 10%, it is **94, 9.836, 64.158**.

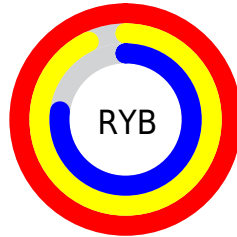
Distribution



Red (100%)

Green (86%)

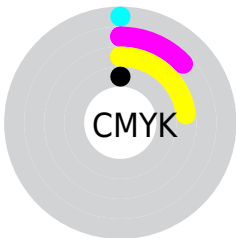
Blue (77%)



Red (100%)

Yellow (93%)

Blue (77%)

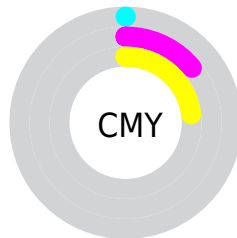


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 18.068, 63.117 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 90, 18.068, 63.117 by changing the saturation by 10% instead.

 90, 18.068, 63.117

 90, 18.068, 63.117

 100, 18.068,
63.117

 80, 18.068, 63.117

 70, 18.068, 63.117

 60, 18.068, 63.117

 50, 18.068, 63.117

 40, 18.068, 63.117

 30, 18.068, 63.117

 20, 18.068, 63.117

 10, 18.068, 63.117

 0, 18.068, 63.117

90, 18.068, 63.117

90, 18.068, 63.117

86, 26.825, 62.104

94, 9.836, 64.158

82, 36.130, 61.109

98, 2.088, 65.026

78, 45.964, 60.145

100, 0.328,
201.402

74, 56.221, 59.194

71, 66.616, 58.184

68, 76.515, 56.938

65, 84.728, 55.090

63, 89.132, 53.299

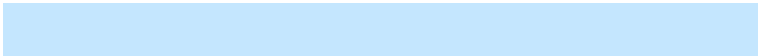
Harmonies

Complementary

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



90, 18.068, 63.117



90, 16.421, 248.635

Rectangle

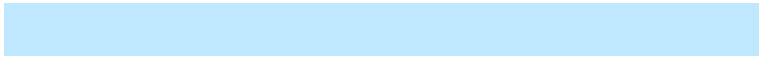
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 18.068, 63.117



90, 18.068, 113.117



90, 18.068, 243.117



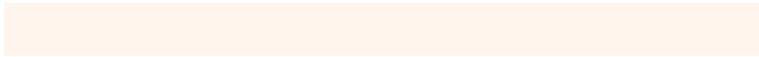
90, 18.068, 293.117

Sweetspot

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



90, 18.068, 63.127



97, 5.296, 64.730



85, 27.613, 340.459



51, 3.447, 64.674



0, 0.000, 0.000



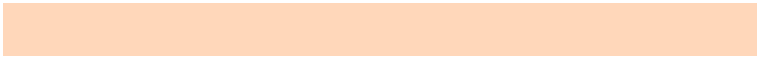
53, 0.007, 296.813

Same Dimension

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



90, 18.068, 63.127



89, 21.738, 62.695



97, 26.521, 103.368



51, 4.335, 64.490



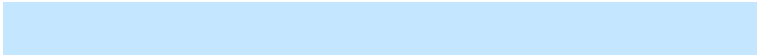
48, 71.605, 53.980



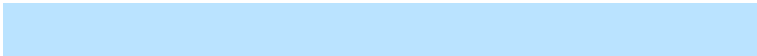
15, 27.355, 53.485

Inverse Universe

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



90, 16.421, 248.635



88, 19.366, 249.350



82, 27.655, 288.663



51, 4.182, 246.750



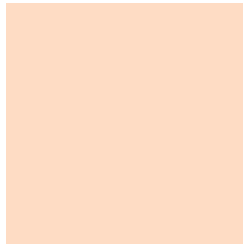
46, 48.916, 274.359



14, 20.372, 267.229

Previews

White Background



This preview shows how the CIE LCh color 90, 18.068, 63.117 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 CIE LCh color 90, 18.068, 63.117 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 90, 18.068, 63.117

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.068, 63.117.



This preview shows how white text looks on a background with the CIELCh color 90, 18.068, 63.117.

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

90, 18.086, 63.108

Protanopia

90, 14.556, 92.483

Deuteranopia

90, 16.632, 54.030



Tritanopia
90, 16.109, 351.809

Trichromacy



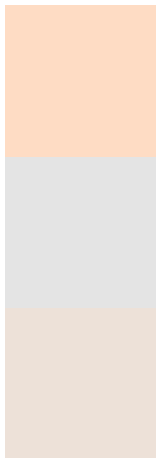
Original Color
90, 18.086, 63.108

Protanomaly
90, 15.274, 80.931

Deuteranomaly
90, 17.281, 56.715

Tritanomaly
90, 14.054, 18.292

Monochromacy



Original Color
90, 18.086, 63.108

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 6.388, 66.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.068, 63.117 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, 220, 196)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 196)  
}
```

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, 220, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.068, 63.117 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, 220, 196) }
```

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

```
.border{ border-color:rgb(254, 220, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 220, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 220, 196); box-shadow:4px 4px 4px 4px rgb(254, 220, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.068, 63.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 196) }
```

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

```
.background{ background-color: rgb(254,  
220, 196) }
```

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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