

Converting Colors

CIELCh(90, 16.193, 56.216)

Have a look what the booklet for
CIELCh(90, 16.193, 56.216) contains.

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Color

CIELCh(90, 16.304, 56.960)

Conversions

Conversions Part 1

Format	Color
Hex	FEDCC9
RGB	254, 220, 201
RGB Percent	100%, 86%, 79%
CMY	0.0048, 0.1381, 0.2126
CMYK	0.00, 0.13, 0.21, 0.00
HSL	22°, 96%, 89%
HSV	22°, 21%, 100%
XYZ	76.8400, 76.3034, 65.8010
YIQ	228.0000, 26.3630, 1.2990

Conversions

Conversions Part 2

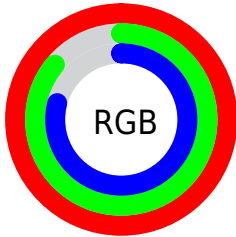
Format	Color
RYB	254, 231, 201
Decimal	16702665
CIELab	90.00, 8.89, 13.67
CIELCh	90, 16.304, 56.960
Yxy	76.3034, 0.3510, 0.3485
Android (android.graphics.Color)	4294892745 (0xFFFEDEC9)
YUV	228.0000, -13.3110, 22.8020
Hunter-Lab	87.3518, 4.1539, 16.4838

Details

The CIELCh color **90, 16.304, 56.960** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 14.676, 241.221**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 16.374, 56.796** is the 20% darker color. If you saturate the color by 10%, you get **86, 24.990, 56.173**, and if you desaturate by 10%, it is **95, 8.203, 57.794**.

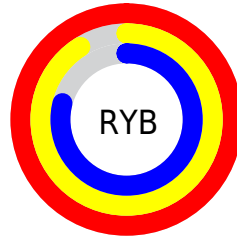
Distribution



Red (100%)

Green (86%)

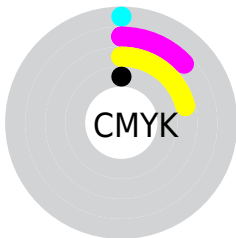
Blue (79%)



Red (100%)

Yellow (91%)

Blue (79%)

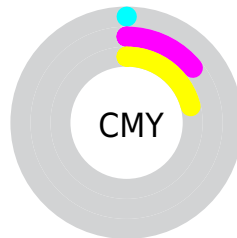


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 16.304, 56.960 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, 16.304, 56.960 by changing the saturation by 10% instead.

 90, 16.304, 56.960

 90, 16.304, 56.960

 100, 16.304,
56.960

 80, 16.304, 56.960

 70, 16.304, 56.960

 60, 16.304, 56.960

 50, 16.304, 56.960

 40, 16.304, 56.960

 30, 16.304, 56.960

 20, 16.304, 56.960

 10, 16.304, 56.960

 0, 16.304, 56.960

90, 16.304, 56.960

90, 16.304, 56.960

86, 24.990, 56.173

95, 8.203, 57.794

81, 34.298, 55.434

99, 0.636, 57.865

77, 44.231, 54.765

100, 0.427,
200.929

73, 54.718, 54.162

69, 65.540, 53.572

66, 76.169, 52.844

63, 85.501, 51.626

60, 91.863, 49.830

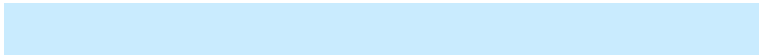
Harmonies

Complementary

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



90, 16.304, 56.960



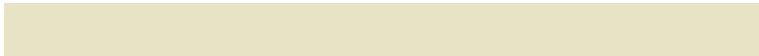
91, 14.676, 241.221

Rectangle

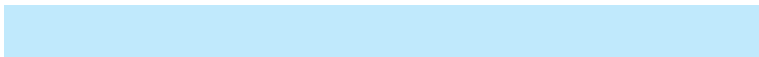
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 16.304, 56.960



90, 16.304, 106.960



90, 16.304, 236.960



90, 16.304, 286.960

Sweetspot

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



90, 16.304, 56.971



97, 4.464, 58.167



86, 26.109, 337.942



52, 2.968, 58.122



0, 0.000, 0.000



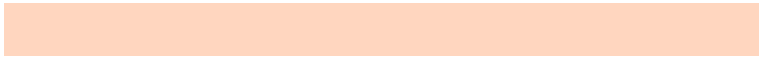
53, 0.007, 296.813

Same Dimension

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



90, 16.304, 56.971



89, 19.887, 56.636



96, 23.085, 100.917



51, 4.283, 57.904



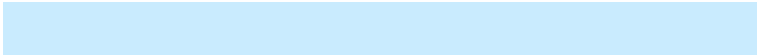
46, 73.811, 50.462



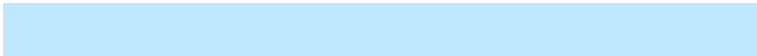
14, 27.853, 48.544

Inverse Universe

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



91, 14.676, 241.221



90, 17.486, 241.818



84, 23.817, 285.921



51, 4.098, 239.854



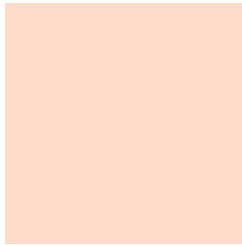
49, 43.809, 266.356



15, 18.634, 259.085

Previews

White Background



This preview shows how the CIE LCh color 90, 16.304, 56.960 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, 16.304, 56.960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

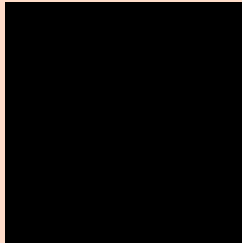
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 16.304, 56.960

Background



This preview shows how black text looks on a background with the CIELCh color 90, 16.304, 56.960.

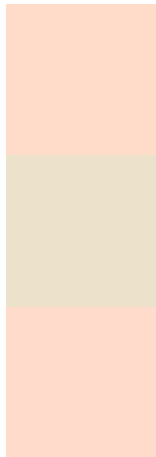


This preview shows how white text looks on a background with the CIELCh color 90, 16.304, 56.960.

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, 16.304, 56.960

Protanopia

90, 11.966, 91.048

Deuteranopia

90, 15.737, 49.591



Tritanopia
90, 16.109, 351.809

Trichromacy



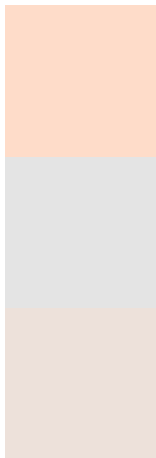
Original Color
90, 16.304, 56.960

Protanomaly
90, 12.806, 77.390

Deuteranomaly
90, 16.024, 51.128

Tritanomaly
90, 14.081, 14.101

Monochromacy



Original Color
90, 16.304, 56.960

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.668, 59.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 16.304, 56.960 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 16.304, 56.960 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, 201) }
```

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

```
.border{ border-color:rgb(254, 220, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 16.304, 56.960 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, 201) }
```

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

```
.background{ background-color: rgb(254,  
220, 201) }
```

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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