

Converting Colors

CIELCh(100, 55.614, 32.628)

Have a look what the booklet for
CIELCh(100, 55.614, 32.628)
contains.

CIELCh(90, 17.290, 54.660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(90, 17.290, 54.660)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC8
RGB	255, 219, 200
RGB Percent	100%, 86%, 78%
CMY	0.0000, 0.1411, 0.2157
CMYK	0.00, 0.14, 0.22, 0.00
HSL	21°, 100%, 89%
HSV	21°, 22%, 100%
XYZ	77.3915, 76.3034, 65.2927
YIQ	227.5980, 27.5550, 1.7230

Conversions

Conversions Part 2

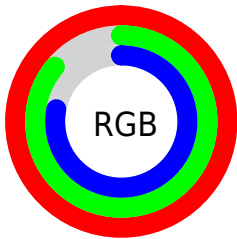
Format	Color
R _Y B	255, 229, 200
Decimal	16767944
CIE Lab	90.00, 10.00, 14.10
CIE LCh	90, 17.290, 54.660
Yxy	76.3034, 0.3534, 0.3484
Android (android.graphics.Color)	4294958024 (0xFFFFDBC8)
YUV	227.5980, -13.6058, 24.0316
Hunter-Lab	87.3518, 5.2809, 16.8289

Details

The CIELCh color **90, 17.290, 54.660** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 15.137, 239.637**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 17.074, 55.156** is the 20% darker color. If you saturate the color by 10%, you get **85, 25.736, 54.713**, and if you desaturate by 10%, it is **95, 8.770, 56.216**.

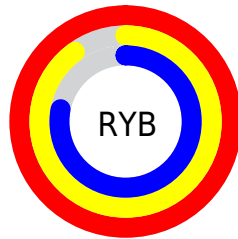
Distribution



Red (100%)

Green (86%)

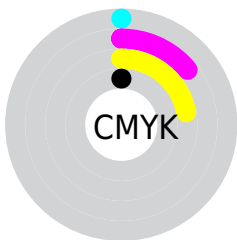
Blue (78%)



Red (100%)

Yellow (90%)

Blue (78%)

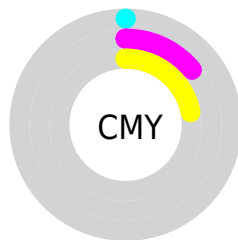


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 17.290, 54.660 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, 17.290, 54.660 by changing the saturation by 10% instead.

 90, 17.290, 54.660

 90, 17.290, 54.660

 100, 17.290,
54.660

 80, 17.290, 54.660

 70, 17.290, 54.660

 60, 17.290, 54.660

 50, 17.290, 54.660

 40, 17.290, 54.660

 30, 17.290, 54.660

 20, 17.290, 54.660

 10, 17.290, 54.660

 0, 17.290, 54.660

90, 17.290, 54.660

90, 17.290, 54.660

85, 25.736, 54.713

95, 8.770, 56.216

81, 35.165, 54.047

99, 1.144, 56.617

77, 45.235, 53.462

100, 0.012,
296.813

73, 55.873, 52.953

69, 66.846, 52.464

65, 77.594, 51.834

62, 86.950, 50.687

60, 92.873, 49.105

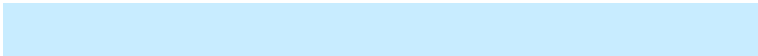
Harmonies

Complementary

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



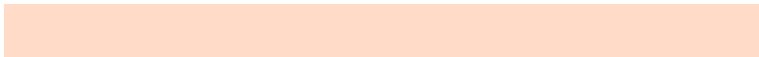
90, 17.290, 54.660



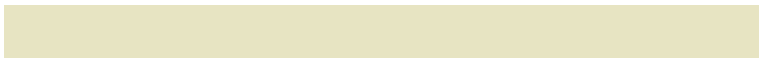
91, 15.137, 239.637

Rectangle

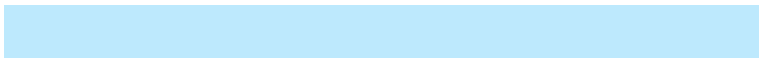
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 17.290, 54.660



90, 17.290, 104.660



90, 17.290, 234.660



90, 17.290, 284.660

Sweetspot

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



90, 16.951, 55.446



97, 4.459, 56.616



86, 27.396, 337.253



52, 2.965, 56.574



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, 16.951, 55.446



88, 20.767, 55.114



97, 23.546, 99.886



51, 4.279, 56.372



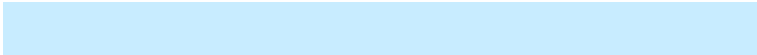
46, 74.335, 49.732



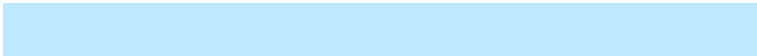
14, 27.993, 47.470

Inverse Universe

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



91, 15.137, 239.637



90, 18.063, 240.267



85, 24.257, 285.146



51, 4.087, 238.236



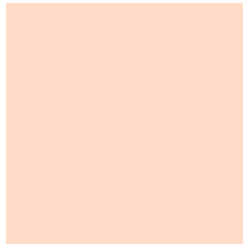
50, 42.766, 264.305



15, 18.291, 257.046

Previews

White Background



This preview shows how the CIE LCh color 90, 17.290, 54.660 looks on a white background.

Color Contrast Check

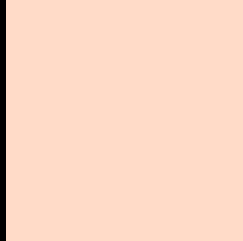
Large Text (above 18pt) WCAG AA × Fail

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 90, 17.290, 54.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

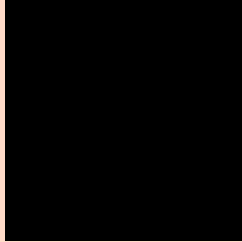
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 17.290, 54.660

Background



This preview shows how black text looks on a background with the CIELCh color 90, 17.290, 54.660.

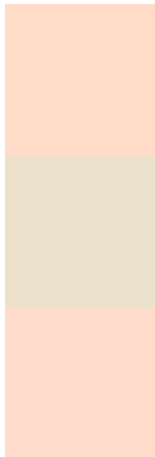


This preview shows how white text looks on a background with the CIELCh color 90, 17.290, 54.660.

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, 16.951, 55.399

Protanopia

90, 12.460, 91.722

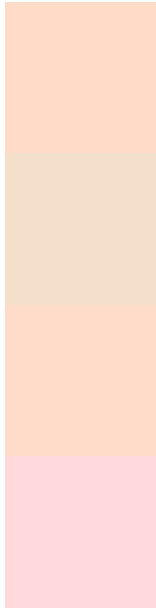
Deuteranopia

90, 16.024, 51.128



Tritanopia
90, 16.109, 351.809

Trichromacy



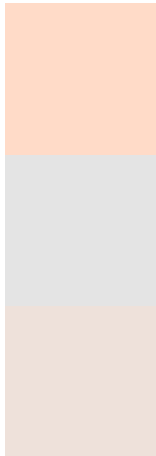
Original Color
90, 16.951, 55.399

Protanomaly
90, 13.240, 74.591

Deuteranomaly
90, 16.322, 52.607

Tritanomaly
90, 14.081, 14.101

Monochromacy



Original Color
90, 16.951, 55.399

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.958, 56.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 17.290, 54.660 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(255, 219, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 200)  
}
```

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(255, 219, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 17.290, 54.660 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(255, 219, 200) }
```

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

```
.border{ border-color:rgb(255, 219, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 17.290, 54.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 200) }
```

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

```
.background{ background-color: rgb(255,  
219, 200) }
```

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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