

Converting Colors

CIELCh(90, 16.195, 53.368)

Have a look what the booklet for
CIELCh(90, 16.195, 53.368) contains.

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Color

CIELCh(90, 16.322, 52.607)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBCA
RGB	255, 219, 202
RGB Percent	100%, 86%, 79%
CMY	0.0000, 0.1406, 0.2072
CMYK	0.00, 0.14, 0.21, 0.00
HSL	19°, 100%, 90%
HSV	19°, 21%, 100%
XYZ	77.3472, 76.3034, 66.6214
YIQ	227.8260, 26.9130, 2.3450

Conversions

Conversions Part 2

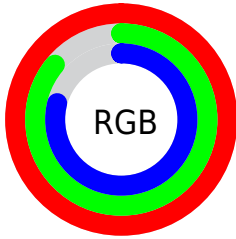
Format	Color
R _Y B	255, 227, 202
Decimal	16767946
CIE Lab	90.00, 9.91, 12.97
CIE LCh	90, 16.322, 52.607
Yxy	76.3034, 0.3511, 0.3464
Android (android.graphics.Color)	4294958026 (0xFFFFDBCA)
YUV	227.8260, -12.7322, 23.8316
Hunter-Lab	87.3518, 5.1905, 15.9270

Details

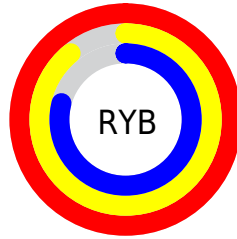
The CIELCh color **90, 16.322, 52.607** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 14.499, 236.332**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 16.404, 52.263** is the 20% darker color. If you saturate the color by 10%, you get **85, 25.057, 52.113**, and if you desaturate by 10%, it is **95, 8.111, 53.393**.

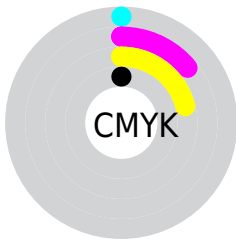
Distribution



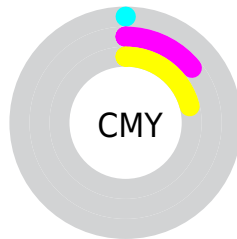
- Red (100%)
- Green (86%)
- Blue (79%)



- Red (100%)
- Yellow (89%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 16.322, 52.607 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, 16.322, 52.607 by changing the saturation by 10% instead.

 90, 16.322, 52.607

 90, 16.322, 52.607

 100, 16.322,
52.607

 80, 16.322, 52.607

 70, 16.322, 52.607

 60, 16.322, 52.607

 50, 16.322, 52.607

 40, 16.322, 52.607

 30, 16.322, 52.607

 20, 16.322, 52.607

 10, 16.322, 52.607

 0, 16.322, 52.607

90, 16.322, 52.607

90, 16.322, 52.607

85, 25.057, 52.113

95, 8.111, 53.393

81, 34.512, 51.577

100, 0.524, 53.080

76, 44.642, 51.141

100, 0.012,
296.813

72, 55.382, 50.805

68, 66.522, 50.524

65, 77.544, 50.149

62, 87.326, 49.318

59, 94.125, 47.835

Harmonies

Complementary

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



90, 16.322, 52.607



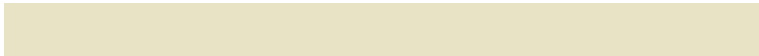
92, 14.499, 236.332

Rectangle

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



90, 16.322, 52.607



90, 16.322, 102.607



90, 16.322, 232.607



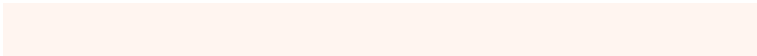
90, 16.322, 282.607

Sweetspot

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



90, 16.270, 52.731



97, 4.458, 53.680



87, 26.623, 336.458



51, 2.965, 53.645



0, 0.000, 0.000



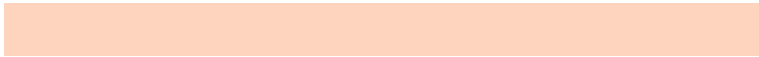
53, 0.007, 296.813

Same Dimension

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



90, 16.270, 52.731



88, 19.946, 52.459



96, 22.249, 99.001



51, 4.280, 53.472



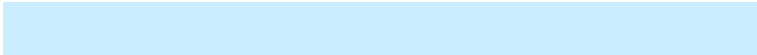
45, 75.328, 48.432



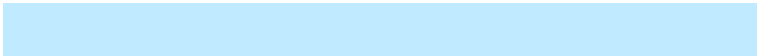
13, 28.278, 45.511

Inverse Universe

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



92, 14.499, 236.332



91, 17.306, 236.878



85, 22.833, 284.103



51, 4.076, 235.160



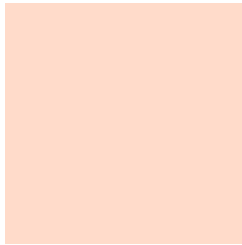
51, 40.947, 260.208



16, 17.705, 253.031

Previews

White Background



This preview shows how the CIE LCh color 90, 16.322, 52.607 looks on a white background.

Color Contrast Check

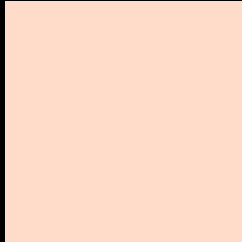
Large Text (above 18pt) WCAG AA × Fail

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, 16.322, 52.607 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, 16.322, 52.607

Background



This preview shows how black text looks on a background with the CIELCh color 90, 16.322, 52.607.

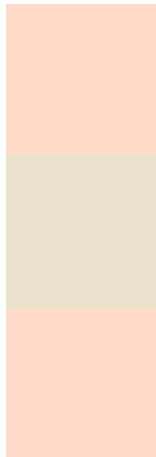


This preview shows how white text looks on a background with the CIELCh color 90, 16.322, 52.607.

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, 16.322, 52.607

Protanopia

90, 10.862, 91.368

Deuteranopia

90, 15.737, 49.591



Tritanopia
90, 16.109, 351.809

Trichromacy



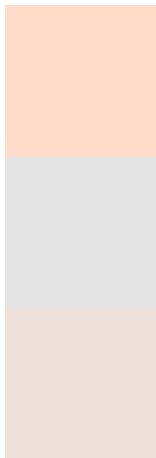
Original Color
90, 16.322, 52.607

Protanomaly
90, 11.925, 74.927

Deuteranomaly
90, 16.024, 51.128

Tritanomaly
90, 14.123, 12.018

Monochromacy



Original Color
90, 16.322, 52.607

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.653, 52.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 16.322, 52.607 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 16.322, 52.607 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, 202) }
```

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

```
.border{ border-color:rgb(255, 219, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 16.322, 52.607 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
219, 202) }
```

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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