

Converting Colors

CIE LCh(93, 13.313, 44.417)

Have a look what the booklet for
CIELCh(93, 13.313, 44.417) contains.

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Color

CIELCh(92, 11.507, 49.317)

Conversions

Conversions Part 1

Format	Color
Hex	FEE3D8
RGB	254, 227, 216
RGB Percent	100%, 89%, 85%
CMY	0.0053, 0.1111, 0.1542
CMYK	0.00, 0.11, 0.15, 0.01
HSL	17°, 93%, 92%
HSV	17°, 15%, 99%
XYZ	80.4753, 80.7044, 76.0894
YIQ	233.8190, 19.6230, 2.3030

Conversions

Conversions Part 2

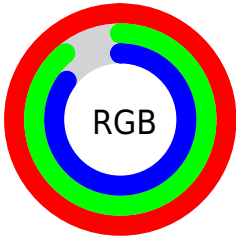
Format	Color
RYB	254, 231, 216
Decimal	16704472
CIELab	92.00, 7.50, 8.73
CIElCh	92, 11.507, 49.317
Yxy	80.7044, 0.3392, 0.3401
Android (android.graphics.Color)	4294894552 (0xFFFE3D8)
YUV	233.8190, -8.7848, 17.6987
Hunter-Lab	89.8356, 2.6889, 12.6672

Details

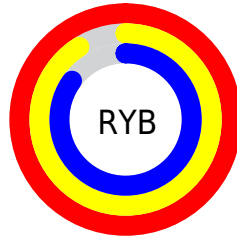
The CIELCh color **92, 11.507, 49.317** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 10.555, 231.480**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 11.543, 51.020** is the 20% darker color. If you saturate the color by 10%, you get **87, 19.967, 48.843**, and if you desaturate by 10%, it is **97, 3.671, 49.801**.

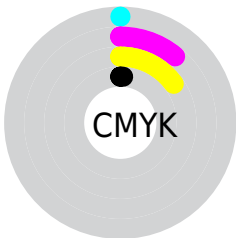
Distribution



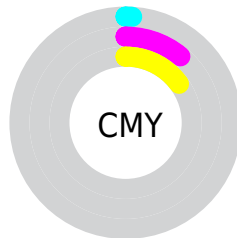
- Red (100%)
- Green (89%)
- Blue (85%)



- Red (100%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (1%)



- Cyan (1%)
- Magenta (11%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 11.507, 49.317 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 92, 11.507, 49.317 by changing the saturation by 10% instead.

 92, 11.507, 49.317

 92, 11.507, 49.317

 100, 11.507,
49.317

 82, 11.507, 49.317

 72, 11.507, 49.317

 62, 11.507, 49.317

 52, 11.507, 49.317

 42, 11.507, 49.317

 32, 11.507, 49.317

 22, 11.507, 49.317

 12, 11.507, 49.317

 2, 11.507, 49.317

92, 11.507, 49.317

92, 11.507, 49.317

87, 19.967, 48.843

97, 3.671, 49.801

82, 29.104, 48.438

100, 0.472,
200.778

78, 38.948, 48.147

73, 49.481, 47.989

69, 60.590, 47.956

65, 71.966, 47.974

62, 82.878, 47.818

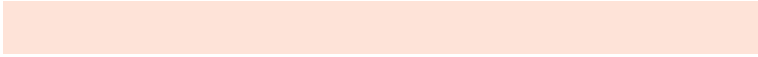
59, 91.835, 46.977

58, 95.372, 46.315

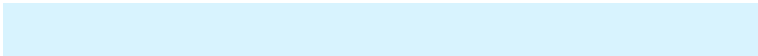
Harmonies

Complementary

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



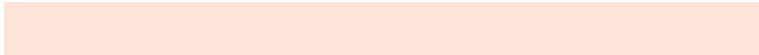
92, 11.507, 49.317



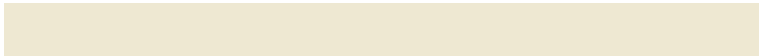
94, 10.555, 231.480

Rectangle

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



92, 11.507, 49.317



92, 11.507, 99.317



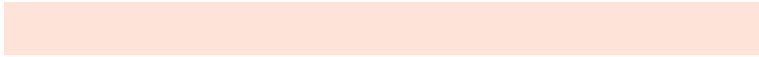
92, 11.507, 229.317



92, 11.507, 279.317

Sweetspot

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



92, 11.506, 49.331



98, 2.960, 49.819



90, 19.537, 334.631



52, 2.110, 49.806



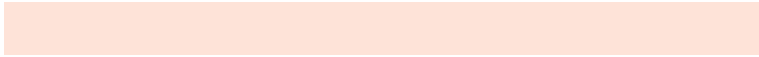
0, 0.000, 0.000



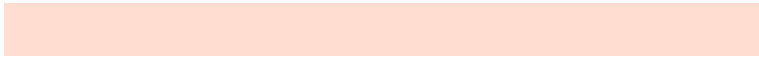
53, 0.007, 296.813

Same Dimension

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



92, 11.506, 49.331



91, 14.068, 49.177



97, 15.433, 97.622



51, 4.299, 49.610



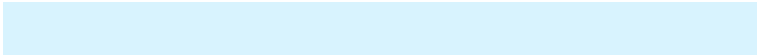
44, 76.642, 46.860



13, 28.695, 43.046

Inverse Universe

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



94, 10.555, 231.480



94, 12.658, 231.763



89, 15.661, 281.309



51, 4.079, 231.041



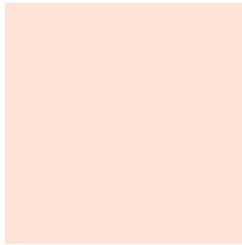
53, 38.856, 254.288



17, 17.058, 247.363

Previews

White Background



This preview shows how the CIELCh color 92, 11.507, 49.317 looks on a white background.

Color Contrast Check

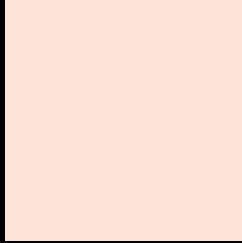
Large Text (above 18pt) WCAG AA × Fail

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 92, 11.507, 49.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

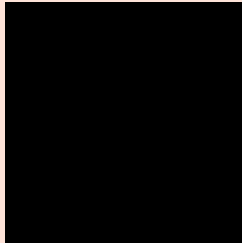
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

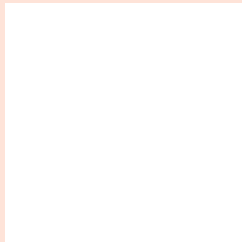
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.507, 49.317

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.507, 49.317.

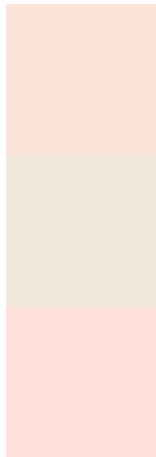


This preview shows how white text looks on a background with the CIELCh color 92, 11.507, 49.317.

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

92, 11.518, 49.314

Protanopia

92, 7.447, 83.370

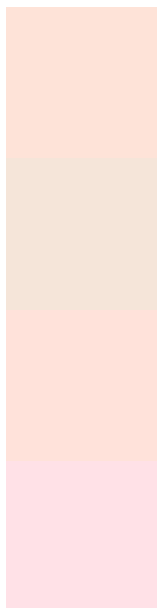
Deuteranopia

92, 11.136, 36.115



Tritanopia
92, 13.838, 343.782

Trichromacy



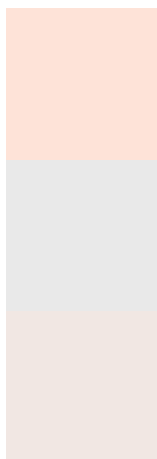
Original Color
92, 11.518, 49.314

Protanomaly
92, 8.529, 65.999

Deuteranomaly
92, 11.502, 40.963

Tritanomaly
92, 11.302, 4.332

Monochromacy



Original Color
92, 11.518, 49.314

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.139, 49.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 11.507, 49.317 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, 227, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 216)  
}
```

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, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.507, 49.317 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, 227, 216) }
```

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

```
.border{ border-color:rgb(254, 227, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.507, 49.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 216) }
```

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

```
.background{ background-color: rgb(254,  
227, 216) }
```

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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