

Converting Colors

CIELCh(97, 33.019, 26.755)

Have a look what the booklet for
CIELCh(97, 33.019, 26.755) contains.

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Color

CIELCh(92, 11.509, 35.619)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2DC
RGB	255, 226, 220
RGB Percent	100%, 89%, 86%
CMY	0.0000, 0.1152, 0.1388
CMYK	0.00, 0.12, 0.14, 0.00
HSL	10°, 100%, 93%
HSV	10°, 14%, 100%
XYZ	81.4256, 80.7044, 78.7215
YIQ	233.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

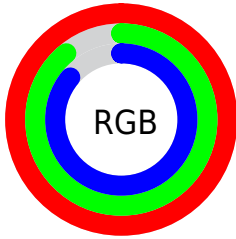
Format	Color
R _Y B	255, 227, 220
Decimal	16769756
CIE Lab	92.00, 9.36, 6.70
CIE LCh	92, 11.509, 35.619
Yxy	80.7044, 0.3381, 0.3351
Android (android.graphics.Color)	4294959836 (0xFFFFE2DC)
YUV	233.9870, -6.8956, 18.4284
Hunter-Lab	89.8356, 4.5772, 10.9301

Details

The CIELCh color **92, 11.509, 35.619** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 10.295, 216.330**, 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, 11.062, 37.231** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.247, 36.088**, and if you desaturate by 10%, it is **98, 3.024, 35.785**.

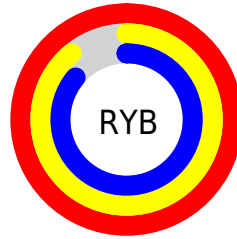
Distribution



Red (100%)

Green (89%)

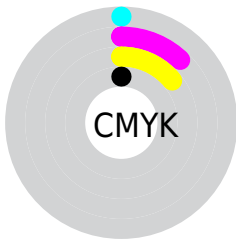
Blue (86%)



Red (100%)

Yellow (89%)

Blue (86%)

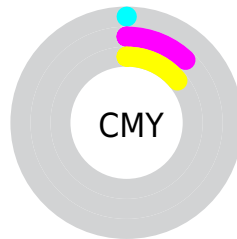


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 11.509, 35.619 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, 11.509, 35.619 by changing the saturation by 10% instead.

 92, 11.509, 35.619

 92, 11.509, 35.619

 100, 11.509,
35.619

 82, 11.509, 35.619

 72, 11.509, 35.619

 62, 11.509, 35.619

 52, 11.509, 35.619

 42, 11.509, 35.619

 32, 11.509, 35.619

 22, 11.509, 35.619

 12, 11.509, 35.619

 2, 11.509, 35.619

92, 11.509, 35.619

92, 11.509, 35.619

86, 20.247, 36.088

98, 3.024, 35.785

81, 29.968, 36.390

100, 0.012,
296.813

76, 40.458, 36.899

71, 51.674, 37.664

66, 63.475, 38.714

62, 75.539, 40.012

59, 87.160, 41.352

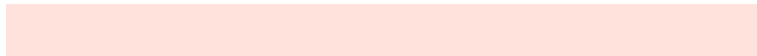
56, 96.773, 42.147

55, 101.024,
42.234

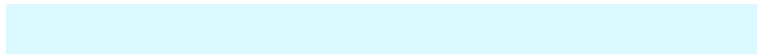
Harmonies

Complementary

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



92, 11.509, 35.619



96, 10.295, 216.330

Rectangle

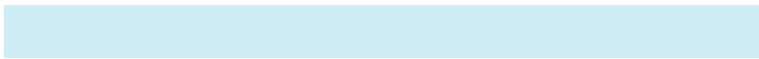
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



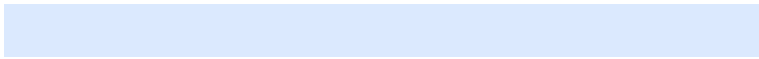
92, 11.509, 35.619



92, 11.509, 85.619



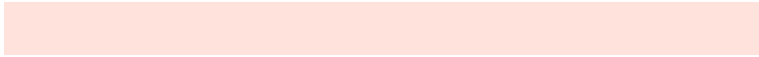
92, 11.509, 215.619



92, 11.509, 265.619

Sweetspot

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



92, 11.281, 35.939



98, 3.119, 35.791



91, 19.754, 330.226



52, 2.224, 35.821



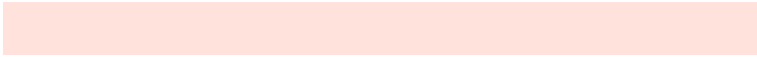
0, 0.000, 0.000



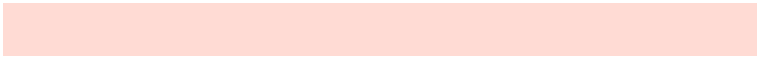
53, 0.007, 296.813

Same Dimension

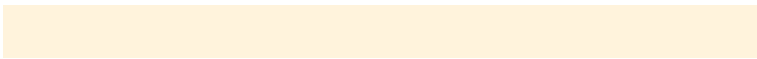
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 11.281, 35.939



90, 13.999, 35.974



96, 12.787, 89.350



50, 4.537, 35.899



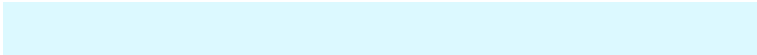
41, 80.951, 42.591



11, 30.423, 35.525

Inverse Universe

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



96, 10.295, 216.330



95, 12.494, 216.408



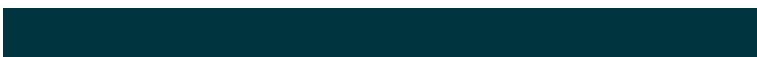
92, 12.758, 273.045



52, 4.268, 216.256



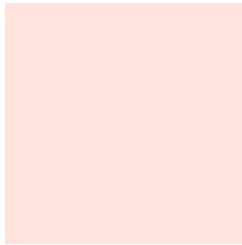
60, 35.079, 229.039



20, 16.152, 224.595

Previews

White Background



This preview shows how the CIELCh color 92, 11.509, 35.619 looks on a white background.

Color Contrast Check

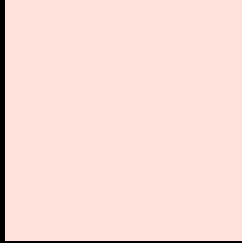
Large Text (above 18pt) WCAG AA × Fail

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, 11.509, 35.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

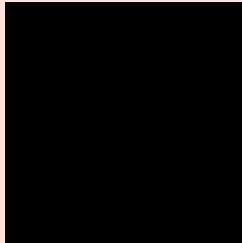
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

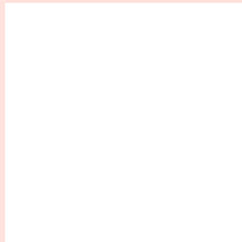
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 11.509, 35.619

Background



This preview shows how black text looks on a background with the CIELCh color 92, 11.509, 35.619.

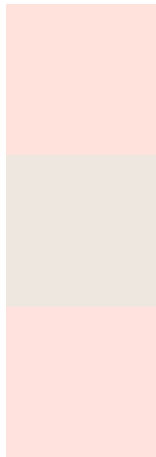


This preview shows how white text looks on a background with the CIELCh color 92, 11.509, 35.619.

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, 11.136, 36.115

Protanopia

92, 4.821, 78.074

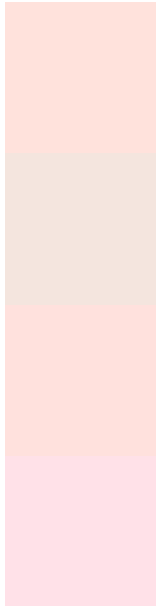
Deuteranopia

92, 11.134, 28.063



Tritanopia
92, 13.547, 345.549

Trichromacy



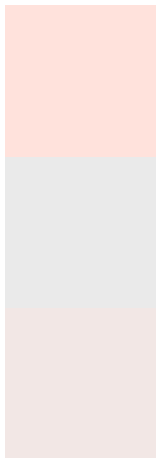
Original Color
92, 11.136, 36.115

Protanomaly
92, 6.539, 53.068

Deuteranomaly
92, 11.236, 30.637

Tritanomaly
92, 11.439, 1.841

Monochromacy



Original Color
92, 11.136, 36.115

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 4.082, 34.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 11.509, 35.619 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, 226, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 220)  
}
```

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, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 11.509, 35.619 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, 226, 220) }
```

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

```
.border{ border-color:rgb(255, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 11.509, 35.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 220) }
```

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

```
.background{ background-color: rgb(255,  
226, 220) }
```

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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