

Converting Colors

CIELCh(92, 13.707, 54.715)

Have a look what the booklet for
CIELCh(92, 13.707, 54.715) contains.

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Color

CIELCh(92, 13.352, 55.196)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2D3
RGB	255, 226, 211
RGB Percent	100%, 89%, 83%
CMY	0.0000, 0.1120, 0.1708
CMYK	0.00, 0.11, 0.17, 0.00
HSL	21°, 100%, 91%
HSV	21°, 17%, 100%
XYZ	80.5364, 80.7044, 73.2479
YIQ	232.9610, 22.0990, 1.4830

Conversions

Conversions Part 2

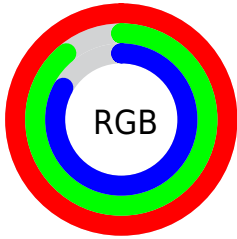
Format	Color
R _Y B	255, 234, 211
Decimal	16769747
CIE Lab	92.00, 7.62, 10.96
CIE LCh	92, 13.352, 55.196
Yxy	80.7044, 0.3435, 0.3442
Android (android.graphics.Color)	4294959827 (0xFFFFE2D3)
YUV	232.9610, -10.8268, 19.3282
Hunter-Lab	89.8356, 2.8105, 14.5425

Details

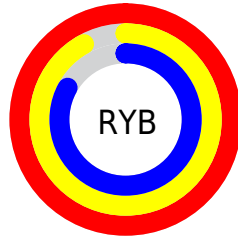
The CIELCh color **92, 13.352, 55.196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 12.100, 238.894**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 13.542, 56.801** is the 20% darker color. If you saturate the color by 10%, you get **87, 21.720, 54.888**, and if you desaturate by 10%, it is **97, 5.285, 56.387**.

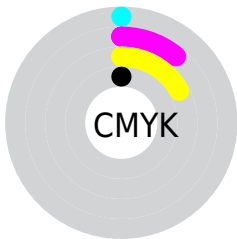
Distribution



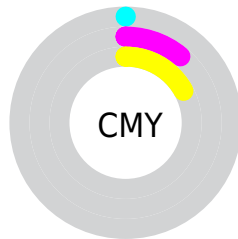
- Red (100%)
- Green (89%)
- Blue (83%)



- Red (100%)
- Yellow (92%)
- Blue (83%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 13.352, 55.196 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, 13.352, 55.196 by changing the saturation by 10% instead.

 92, 13.352, 55.196

 92, 13.352, 55.196

 100, 13.352,
55.196

 82, 13.352, 55.196

 72, 13.352, 55.196

 62, 13.352, 55.196

 52, 13.352, 55.196

 42, 13.352, 55.196

 32, 13.352, 55.196

 22, 13.352, 55.196

 12, 13.352, 55.196

 2, 13.352, 55.196

92, 13.352, 55.196

92, 13.352, 55.196

87, 21.720, 54.888

97, 5.285, 56.387

83, 30.861, 54.196

100, 0.012,
296.813

79, 40.653, 53.582

74, 51.060, 53.051

71, 61.936, 52.575

67, 72.897, 52.050

64, 83.084, 51.212

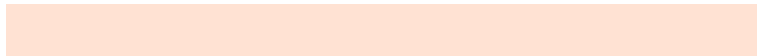
61, 90.974, 49.557

60, 92.941, 49.033

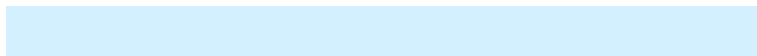
Harmonies

Complementary

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



92, 13.352, 55.196



93, 12.100, 238.894

Rectangle

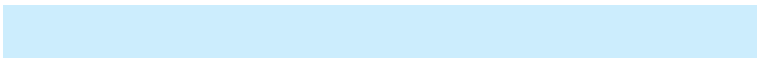
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 13.352, 55.196



92, 13.352, 105.196



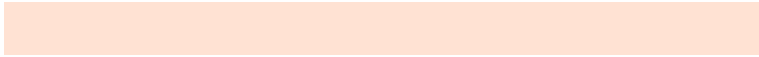
92, 13.352, 235.196



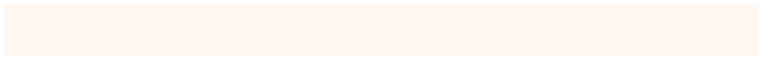
92, 13.352, 285.196

Sweetspot

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



92, 13.210, 55.637



98, 3.702, 56.515



89, 21.654, 336.895



52, 2.532, 56.475



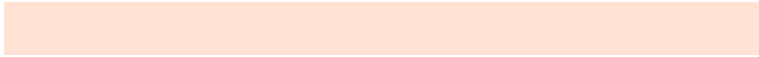
0, 0.000, 0.000



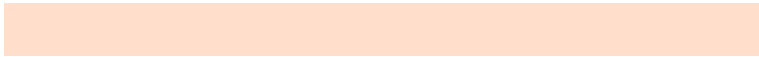
53, 0.007, 296.813

Same Dimension

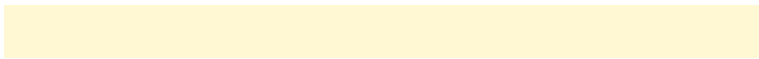
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 13.210, 55.637



91, 15.630, 55.415



97, 18.635, 100.404



51, 4.279, 56.215



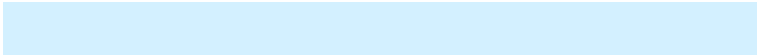
46, 74.388, 49.659



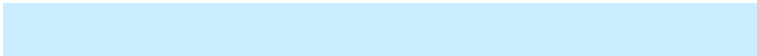
14, 28.008, 47.361

Inverse Universe

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



93, 12.100, 238.894



92, 14.079, 239.258



88, 19.074, 284.483



51, 4.086, 238.070



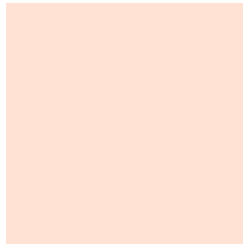
50, 42.662, 264.090



16, 18.257, 256.834

Previews

White Background



This preview shows how the CIE LCh color 92, 13.352, 55.196 looks on a white background.

Color Contrast Check

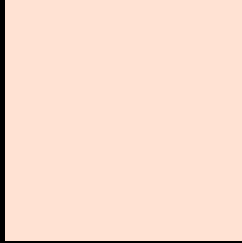
Large Text (above 18pt) WCAG AA × Fail

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, 13.352, 55.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

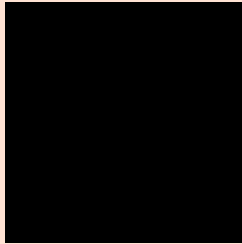
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 13.352, 55.196

Background



This preview shows how black text looks on a background with the CIELCh color 92, 13.352, 55.196.

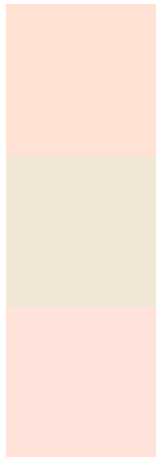


This preview shows how white text looks on a background with the CIELCh color 92, 13.352, 55.196.

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, 13.352, 55.196

Protanopia

92, 9.351, 88.693

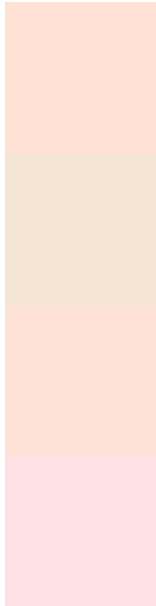
Deuteranopia

92, 11.715, 43.263



Tritanopia
92, 13.547, 345.549

Trichromacy



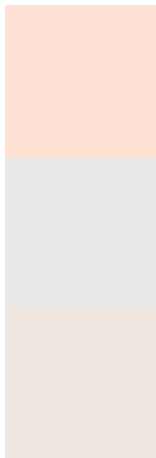
Original Color
92, 13.352, 55.196

Protanomaly
92, 10.150, 73.771

Deuteranomaly
92, 12.197, 47.597

Tritanomaly
92, 11.095, 9.475

Monochromacy



Original Color
92, 13.352, 55.196

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.741, 60.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 13.352, 55.196 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 13.352, 55.196 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, 211) }
```

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

```
.border{ border-color:rgb(255, 226, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 13.352, 55.196 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
226, 211) }
```

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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