

Converting Colors

CIELCh(92, 27.932, 95.054)

Have a look what the booklet for
CIELCh(92, 27.932, 95.054) contains.

CIELCh(92, 27.904, 95.056)	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(92, 27.904, 95.056)

Conversions

Conversions Part 1

Format	Color
Hex	F8E8B3
RGB	248, 232, 179
RGB Percent	97%, 91%, 70%
CMY	0.0286, 0.0913, 0.2991
CMYK	0.00, 0.06, 0.28, 0.03
HSL	46°, 83%, 84%
HSV	46°, 28%, 97%
XYZ	75.4979, 80.7044, 54.1041
YIQ	230.7420, 26.5490, -13.0910

Conversions

Conversions Part 2

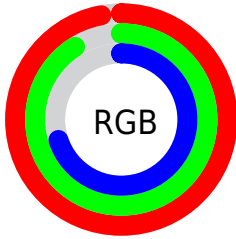
Format	Color
R_{YB}	200, 248, 179
Decimal	16312499
CIE _{Lab}	92.00, -2.46, 27.80
CIE _{LCh}	92, 27.904, 95.056
Y _{xy}	80.7044, 0.3590, 0.3837
Android (android.graphics.Color)	4294502579 (0xFFFF8E8B3)
YUV	230.7420, -25.5088, 15.1353
Hunter-Lab	89.8356, -7.2009, 27.1772

Details

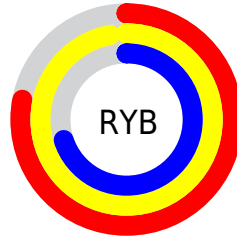
The CIELCh color **92, 27.904, 95.056** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 28.596, 282.432**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **72, 27.678, 94.415** is the 20% darker color. If you saturate the color by 10%, you get **90, 38.006, 93.793**, and if you desaturate by 10%, it is **94, 17.809, 96.297**.

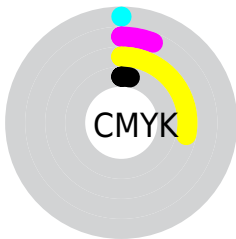
Distribution



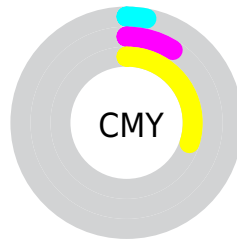
- Red (97%)
- Green (91%)
- Blue (70%)



- Red (78%)
- Yellow (97%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (28%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 27.904, 95.056 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, 27.904, 95.056 by changing the saturation by 10% instead.

 92, 27.904, 95.056

 92, 27.904, 95.056

 100, 27.904,
95.056

 82, 27.904, 95.056

 72, 27.904, 95.056

 62, 27.904, 95.056

 52, 27.904, 95.056

 42, 27.904, 95.056

 32, 27.904, 95.056

 22, 27.904, 95.056

 12, 27.904, 95.056

 2, 27.904, 95.056

92, 27.904, 95.056

92, 27.904, 95.056

90, 38.006, 93.793

94, 17.809, 96.297

88, 47.987, 92.497

96, 7.784, 97.486

87, 57.621, 91.174

98, 2.137, 278.771

85, 66.523, 89.817

99, 2.421, 203.240

83, 74.077, 88.396

99, 2.524, 199.508

82, 79.462, 86.848

80, 82.034, 85.081

80, 82.397, 84.685

Harmonies

Complementary

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



92, 27.904, 95.056



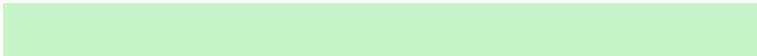
79, 28.596, 282.432

Rectangle

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



92, 27.904, 95.056



92, 27.904, 145.056



92, 27.904, 275.056



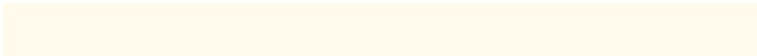
92, 27.904, 325.056

Sweetspot

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



92, 27.905, 95.061



98, 8.125, 97.467



80, 27.407, 3.834



52, 5.780, 97.292



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, 27.905, 95.061



93, 33.904, 94.405



95, 35.630, 118.824



51, 5.685, 97.295



63, 67.259, 85.035



20, 28.666, 87.447

Inverse Universe

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



79, 28.596, 282.432



78, 34.951, 283.392



77, 37.767, 302.558



49, 5.738, 279.623



28, 90.109, 301.364



6, 34.901, 295.882

Previews

White Background



This preview shows how the CIE LCh color 92, 27.904, 95.056 looks on a white background.

Color Contrast Check

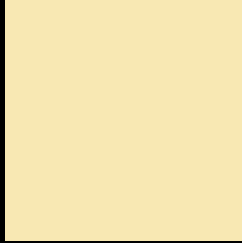
Large Text (above 18pt) WCAG AA × Fail

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 92, 27.904, 95.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

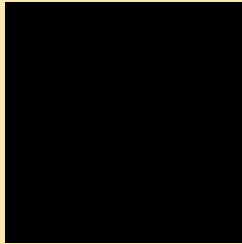
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

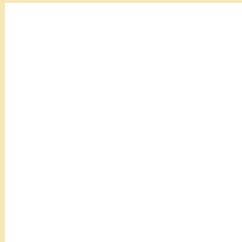
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 27.904, 95.056

Background



This preview shows how black text looks on a background with the CIELCh color 92, 27.904, 95.056.



This preview shows how white text looks on a background with the CIELCh color 92, 27.904, 95.056.

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, 27.904, 95.056

Protanopia

92, 27.904, 95.056

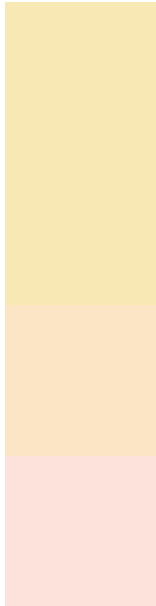
Deuteranopia

92, 15.161, 65.162



Tritanopia
92, 14.746, 341.410

Trichromacy



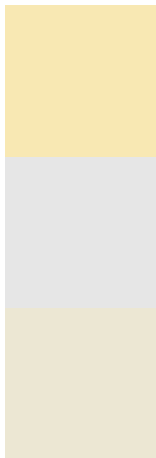
Original Color
92, 27.904, 95.056

Protanomaly
92, 27.904, 95.056

Deuteranomaly
92, 19.168, 81.517

Tritanomaly
92, 10.452, 43.122

Monochromacy



Original Color
92, 27.904, 95.056

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 10.462, 99.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 27.904, 95.056 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(248, 232, 179)` looks like.

```
.text, #text, p{  
    color:rgb(248, 232, 179)  
}
```

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(248, 232, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 232, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 27.904, 95.056 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(248, 232, 179) }
```

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

```
.border{ border-color:rgb(248, 232, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 232, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 232, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 232, 179); box-shadow:4px 4px 4px 4px rgb(248, 232, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 27.904, 95.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 232, 179) }
```

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

```
.background{ background-color: rgb(248,  
232, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor