

Converting Colors

CIELCh(92, 5.781, 20.561)

Have a look what the booklet for
CIELCh(92, 5.781, 20.561) contains.

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Color

CIELCh(92, 5.802, 24.784)

Conversions

Conversions Part 1

Format	Color
Hex	F5E5E4
RGB	245, 229, 228
RGB Percent	96%, 90%, 89%
CMY	0.0410, 0.1037, 0.1076
CMYK	0.00, 0.07, 0.07, 0.04
HSL	4°, 45%, 93%
HSV	4°, 7%, 96%
XYZ	79.3407, 80.7044, 84.4748
YIQ	233.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

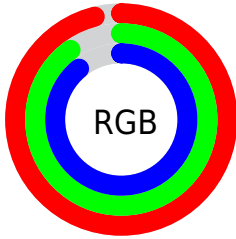
Format	Color
R _Y B	245, 229, 228
Decimal	16115172
CIE Lab	92.00, 5.27, 2.43
CIE LCh	92, 5.802, 24.784
Yxy	80.7044, 0.3245, 0.3301
Android (android.graphics.Color)	4294305252 (0xFF5E5E4)
YUV	233.6700, -2.7953, 9.9364
Hunter-Lab	89.8356, 0.4345, 7.1330

Details

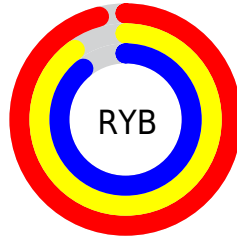
The CIELCh color **92, 5.802, 24.784** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 5.547, 204.504**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 5.747, 25.202** is the 20% darker color. If you saturate the color by 10%, you get **86, 14.742, 25.413**, and if you desaturate by 10%, it is **98, 2.445, 204.792**.

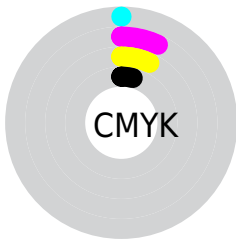
Distribution



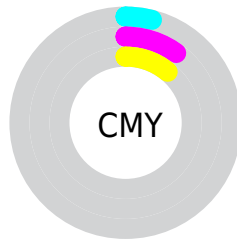
- Red (96%)
- Green (90%)
- Blue (89%)



- Red (96%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.802, 24.784 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, 5.802, 24.784 by changing the saturation by 10% instead.

 92, 5.802, 24.784

 92, 5.802, 24.784

 100, 5.802, 24.784

 82, 5.802, 24.784

 72, 5.802, 24.784

 62, 5.802, 24.784

 52, 5.802, 24.784

 42, 5.802, 24.784

 32, 5.802, 24.784

 22, 5.802, 24.784

 12, 5.802, 24.784

 2, 5.802, 24.784

92, 5.802, 24.784

92, 5.802, 24.784

86, 14.742, 25.413

98, 2.445, 204.792

80, 24.416, 26.168

99, 3.610, 199.360

74, 34.824, 27.174

69, 45.899, 28.517

64, 57.486, 30.281

59, 69.309, 32.527

56, 80.908, 35.207

53, 91.395, 37.976

52, 98.878, 39.923

Harmonies

Complementary

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



92, 5.802, 24.784



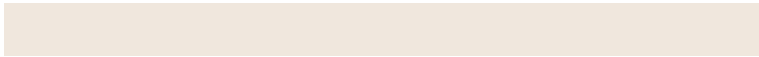
95, 5.547, 204.504

Rectangle

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



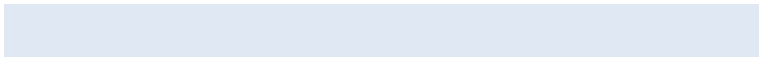
92, 5.802, 24.784



92, 5.802, 74.784



92, 5.802, 204.784



92, 5.802, 254.784

Sweetspot

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



92, 5.801, 24.807



99, 1.693, 24.315



92, 10.326, 326.170



53, 0.962, 24.290



0, 0.000, 0.000



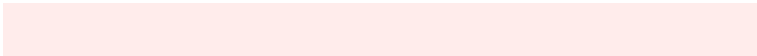
53, 0.007, 296.813

Same Dimension

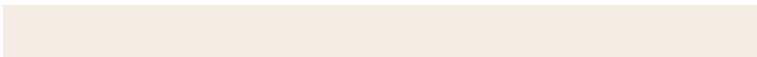
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 5.801, 24.807



95, 6.939, 24.872



94, 5.513, 79.688



48, 4.798, 24.958



39, 81.732, 40.617



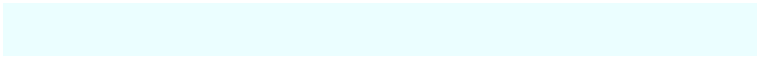
9, 29.783, 28.144

Inverse Universe

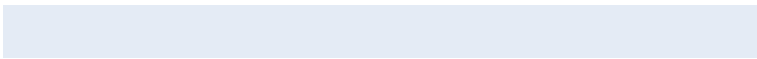
The Inverse Universe completely reimagines the original color for something new.



95, 5.547, 204.504



98, 6.589, 204.454



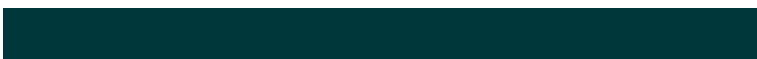
93, 5.462, 261.617



50, 4.511, 204.392



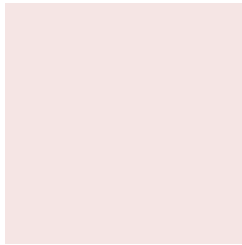
65, 36.628, 206.326



20, 16.432, 204.913

Previews

White Background



This preview shows how the CIELCh color 92, 5.802, 24.784 looks on a white background.

Color Contrast Check

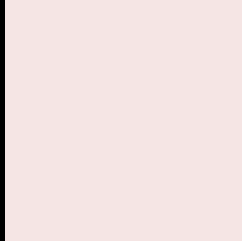
Large Text (above 18pt) WCAG AA × Fail

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, 5.802, 24.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

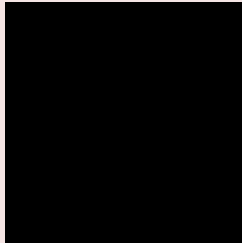
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

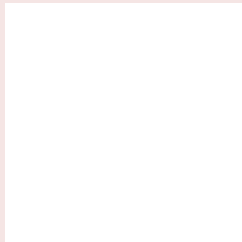
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.802, 24.784

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.802, 24.784.

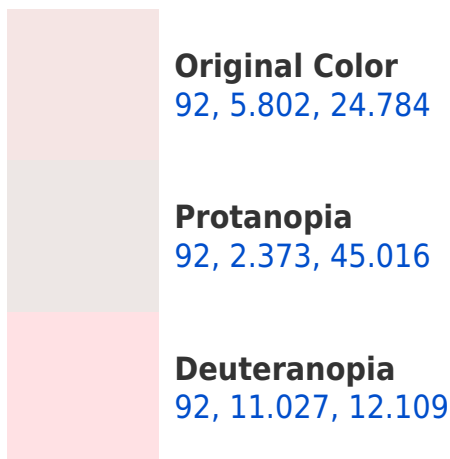


This preview shows how white text looks on a background with the CIELCh color 92, 5.802, 24.784.

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](#).

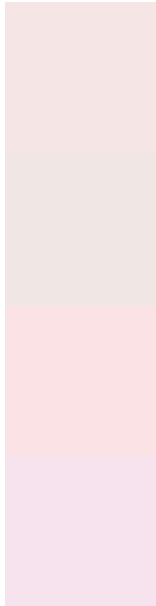
Dichromacy





Tritanopia
92, 11.953, 329.091

Trichromacy



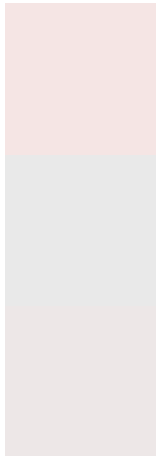
Original Color
92, 5.802, 24.784

Protanomaly
92, 3.735, 35.492

Deuteranomaly
92, 9.135, 13.526

Tritanomaly
92, 8.873, 340.178

Monochromacy



Original Color
92, 5.802, 24.784

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.145, 19.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.802, 24.784 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(245, 229, 228)` looks like.

```
.text, #text, p{  
    color:rgb(245, 229, 228)  
}
```

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(245, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.802, 24.784 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(245, 229, 228) }
```

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

```
.border{ border-color:rgb(245, 229, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 229, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 229, 228); box-shadow:4px 4px 4px 4px rgb(245, 229, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.802, 24.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 228) }
```

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

```
.background{ background-color: rgb(245,  
229, 228) }
```

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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