

Converting Colors

CIELCh(92, 6.542, 81.640)

Have a look what the booklet for
CIELCh(92, 6.542, 81.640) contains.

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Color

CIELCh(92, 6.356, 82.394)

Conversions

Conversions Part 1

Format	Color
Hex	EFE7DC
RGB	239, 231, 220
RGB Percent	94%, 91%, 86%
CMY	0.0626, 0.0939, 0.1371
CMYK	0.00, 0.03, 0.08, 0.06
HSL	35°, 37%, 90%
HSV	35°, 8%, 94%
XYZ	77.1238, 80.7044, 79.2525
YIQ	232.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

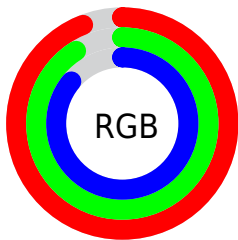
Format	Color
RYB	234, 239, 220
Decimal	15722460
CIELab	92.00, 0.84, 6.30
CIElCh	92, 6.356, 82.394
Yxy	80.7044, 0.3253, 0.3404
Android (android.graphics.Color)	4293912540 (0xFFEFE7DC)
YUV	232.1380, -5.9840, 6.0180
Hunter-Lab	89.8356, -3.9704, 10.5796

Details

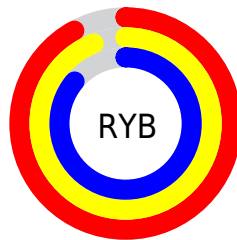
The CIELCh color **92, 6.356, 82.394** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 6.305, 264.592**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.228, 79.913** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.609, 81.141**, and if you desaturate by 10%, it is **95, 1.626, 263.951**.

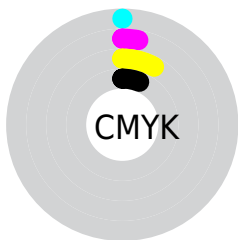
Distribution



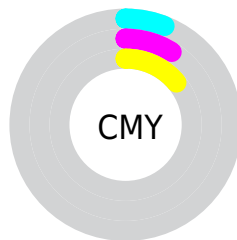
- Red (94%)
- Green (91%)
- Blue (86%)



- Red (92%)
- Yellow (94%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.356, 82.394 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, 6.356, 82.394 by changing the saturation by 10% instead.

 92, 6.356, 82.394

 92, 6.356, 82.394

 100, 6.356, 82.394

 82, 6.356, 82.394

 72, 6.356, 82.394

 62, 6.356, 82.394

 52, 6.356, 82.394

 42, 6.356, 82.394

 32, 6.356, 82.394

 22, 6.356, 82.394

 12, 6.356, 82.394

 2, 6.356, 82.394

92, 6.356, 82.394

92, 6.356, 82.394

89, 14.609, 81.141

95, 1.626, 263.951

86, 23.142, 79.808

98, 4.573, 224.651

83, 31.945, 78.438

99, 5.486, 199.178

80, 40.973, 77.030

77, 50.103, 75.572

75, 59.076, 74.022

72, 67.386, 72.287

70, 74.180, 70.180

67, 78.520, 67.443

Harmonies

Complementary

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



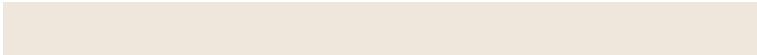
92, 6.356, 82.394



90, 6.305, 264.592

Rectangle

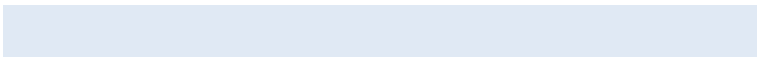
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 6.356, 82.394



92, 6.356, 132.394



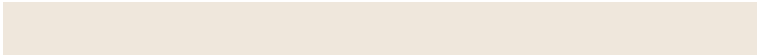
92, 6.356, 262.394



92, 6.356, 312.394

Sweetspot

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



92, 6.357, 82.416



99, 1.662, 83.007



89, 8.091, 348.051



53, 0.944, 83.008



0, 0.000, 0.000



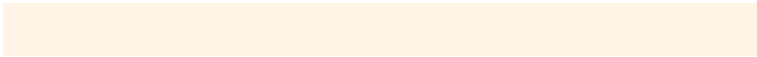
53, 0.007, 296.813

Same Dimension

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



92, 6.357, 82.416



97, 8.460, 82.158



94, 9.753, 112.113



49, 4.567, 82.228



52, 64.946, 67.501



15, 23.681, 69.572

Inverse Universe

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



90, 6.305, 264.592



94, 8.360, 264.881



88, 9.941, 293.528



47, 4.518, 264.802



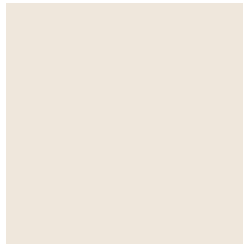
36, 65.717, 290.884



8, 24.561, 283.924

Previews

White Background



This preview shows how the CIELCh color 92, 6.356, 82.394 looks on a white background.

Color Contrast Check

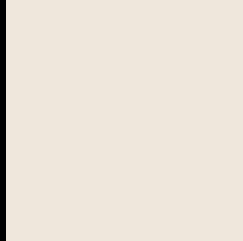
Large Text (above 18pt) WCAG AA × Fail

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, 6.356, 82.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

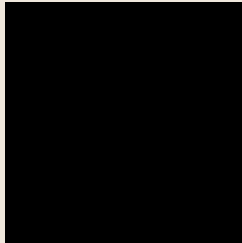
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

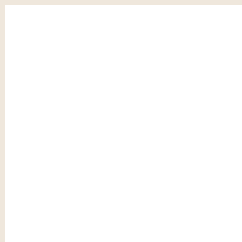
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.356, 82.394

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.356, 82.394.

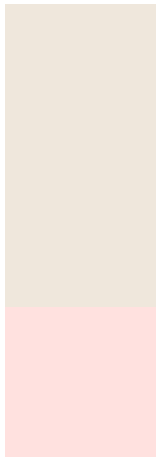


This preview shows how white text looks on a background with the CIELCh color 92, 6.356, 82.394.

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, 6.356, 82.394

Protanopia

92, 6.356, 82.394

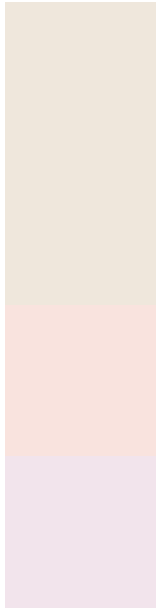
Deuteranopia

92, 11.055, 25.446



Tritanopia
92, 10.935, 321.730

Trichromacy



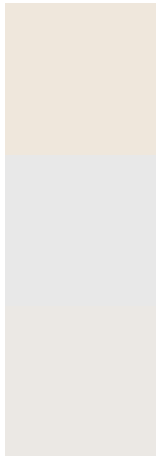
Original Color
92, 6.356, 82.394

Protanomaly
92, 6.356, 82.394

Deuteranomaly
92, 8.450, 37.576

Tritanomaly
92, 6.511, 340.374

Monochromacy



Original Color
92, 6.356, 82.394

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.309, 82.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 6.356, 82.394 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(239, 231, 220)` looks like.

```
.text, #text, p{  
    color:rgb(239, 231, 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(239, 231, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 231, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.356, 82.394 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(239, 231, 220) }
```

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

```
.border{ border-color:rgb(239, 231, 220) }
```

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

Here you see how a box with a 4 pixel rgb(239, 231, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 231, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 231, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 231,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.356, 82.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 231, 220) }
```

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

```
.background{ background-color: rgb(239,  
231, 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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