

Converting Colors

CIELCh(92, 10.154, 85.354)

Have a look what the booklet for
CIELCh(92, 10.154, 85.354) contains.

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Color

CIELCh(92, 10.110, 85.713)

Conversions

Conversions Part 1

Format	Color
Hex	F2E7D5
RGB	242, 231, 213
RGB Percent	95%, 91%, 84%
CMY	0.0516, 0.0947, 0.1653
CMYK	0.00, 0.05, 0.12, 0.05
HSL	37°, 52%, 89%
HSV	37°, 12%, 95%
XYZ	77.0813, 80.7044, 74.3592
YIQ	232.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

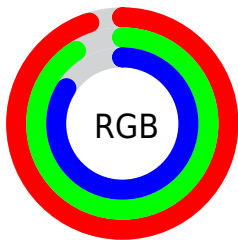
Format	Color
RYB	231, 242, 213
Decimal	15919061
CIELab	92.00, 0.76, 10.08
CIELCh	92, 10.110, 85.713
Yxy	80.7044, 0.3320, 0.3476
Android (android.graphics.Color)	4294109141 (0xFFFF2E7D5)
YUV	232.2370, -9.4838, 8.5622
Hunter-Lab	89.8356, -4.0547, 13.8092

Details

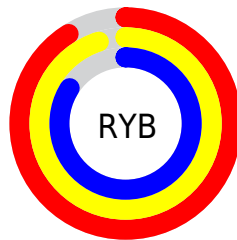
The CIELCh color **92, 10.110, 85.713** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 10.029, 268.956**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.176, 84.140** is the 20% darker color. If you saturate the color by 10%, you get **89, 18.810, 84.419**, and if you desaturate by 10%, it is **95, 1.647, 86.846**.

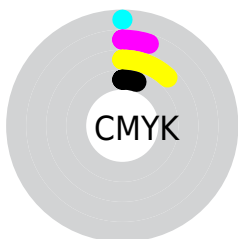
Distribution



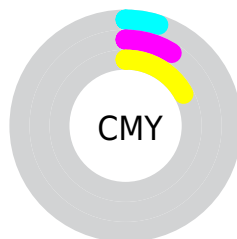
- Red (95%)
- Green (91%)
- Blue (84%)



- Red (91%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (5%)




- Cyan (5%)
- Magenta (9%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.110, 85.713 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, 10.110, 85.713 by changing the saturation by 10% instead.

 92, 10.110, 85.713

 92, 10.110, 85.713

 100, 10.110,
85.713

 82, 10.110, 85.713

 72, 10.110, 85.713

 62, 10.110, 85.713

 52, 10.110, 85.713

 42, 10.110, 85.713

 32, 10.110, 85.713

 22, 10.110, 85.713

 12, 10.110, 85.713

 2, 10.110, 85.713

92, 10.110, 85.713

92, 10.110, 85.713

89, 18.810, 84.419

95, 1.647, 86.846

86, 27.736, 83.062

98, 3.875, 249.627

84, 36.855, 81.663

99, 4.538, 199.264

81, 46.075, 80.220

79, 55.203, 78.711

76, 63.861, 77.085

74, 71.382, 75.230

72, 76.804, 72.946

70, 79.399, 70.734

Harmonies

Complementary

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



92, 10.110, 85.713



89, 10.029, 268.956

Rectangle

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



92, 10.110, 85.713



92, 10.110, 135.713



92, 10.110, 265.713



92, 10.110, 315.713

Sweetspot

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



92, 10.111, 85.727



99, 3.477, 86.688



88, 12.025, 351.535



53, 2.474, 86.608



0, 0.000, 0.000



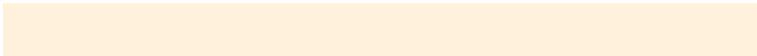
53, 0.007, 296.813

Same Dimension

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



92, 10.111, 85.727



96, 12.362, 85.464



95, 14.882, 113.809



49, 4.740, 86.045



54, 64.536, 71.349



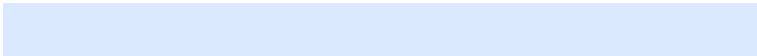
16, 24.030, 73.887

Inverse Universe

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



89, 10.029, 268.956



92, 12.236, 269.264



86, 15.291, 295.788



47, 4.714, 268.595



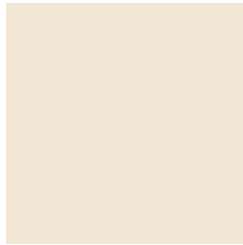
34, 70.799, 293.812



8, 26.337, 287.187

Previews

White Background



This preview shows how the CIELCh color 92, 10.110, 85.713 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, 10.110, 85.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

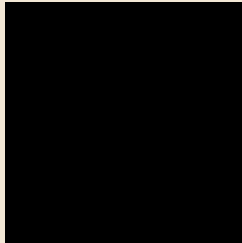
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

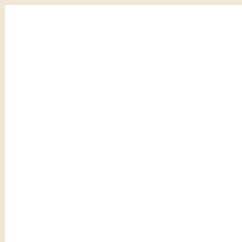
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.110, 85.713

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.110, 85.713.

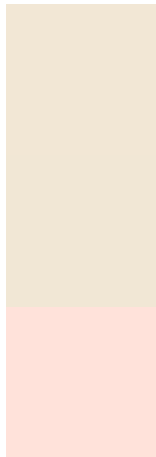


This preview shows how white text looks on a background with the CIELCh color 92, 10.110, 85.713.

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

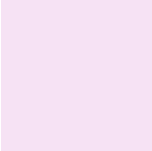
92, 10.110, 85.713

Protanopia

92, 9.967, 87.675

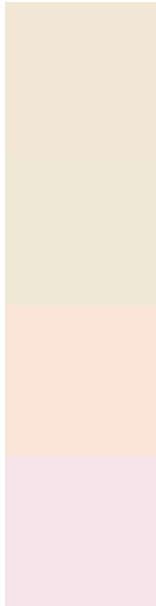
Deuteranopia

92, 11.502, 40.963



Tritanopia
92, 11.736, 327.716

Trichromacy



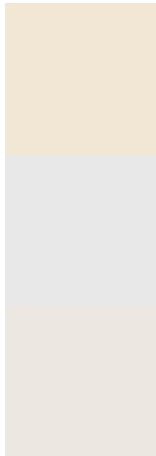
Original Color
92, 10.110, 85.713

Protanomaly
92, 9.967, 87.675

Deuteranomaly
92, 10.222, 56.901

Tritanomaly
92, 6.308, 355.629

Monochromacy



Original Color
92, 10.110, 85.713

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.867, 87.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.110, 85.713 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(242, 231, 213)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 213)  
}
```

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(242, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.110, 85.713 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(242, 231, 213) }
```

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

```
.border{ border-color:rgb(242, 231, 213) }
```

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

Here you see how a box with a 4 pixel rgb(242, 231, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.110, 85.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 213) }
```

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

```
.background{ background-color: rgb(242,  
231, 213) }
```

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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