

Converting Colors

CIELCh(92, 7.678, 78.181)

Have a look what the booklet for
CIELCh(92, 7.678, 78.181) contains.

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Color

CIELCh(92, 7.616, 80.876)

Conversions

Conversions Part 1

Format	Color
Hex	F1E7DA
RGB	241, 231, 218
RGB Percent	95%, 91%, 85%
CMY	0.0560, 0.0951, 0.1461
CMYK	0.00, 0.04, 0.10, 0.06
HSL	34°, 45%, 90%
HSV	34°, 10%, 94%
XYZ	77.3057, 80.7044, 77.6517
YIQ	232.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

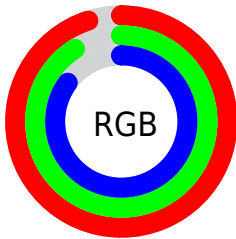
Format	Color
R_{YB}	236, 241, 218
Decimal	15853530
CIE _{Lab}	92.00, 1.21, 7.52
CIE _{LCh}	92, 7.616, 80.876
Yxy	80.7044, 0.3280, 0.3425
Android (android.graphics.Color)	4294043610 (0xFFFF1E7DA)
YUV	232.5080, -7.1524, 7.4475
Hunter-Lab	89.8356, -3.6089, 11.6362

Details

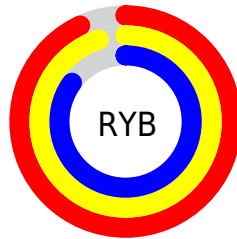
The CIELCh color **92, 7.616, 80.876** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 7.520, 263.491**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 7.568, 78.654** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.883, 79.612**, and if you desaturate by 10%, it is **95, 0.361, 263.221**.

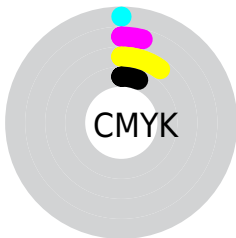
Distribution



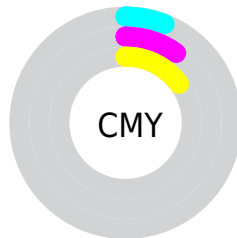
- Red (95%)
- Green (91%)
- Blue (85%)



- Red (93%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (6%)

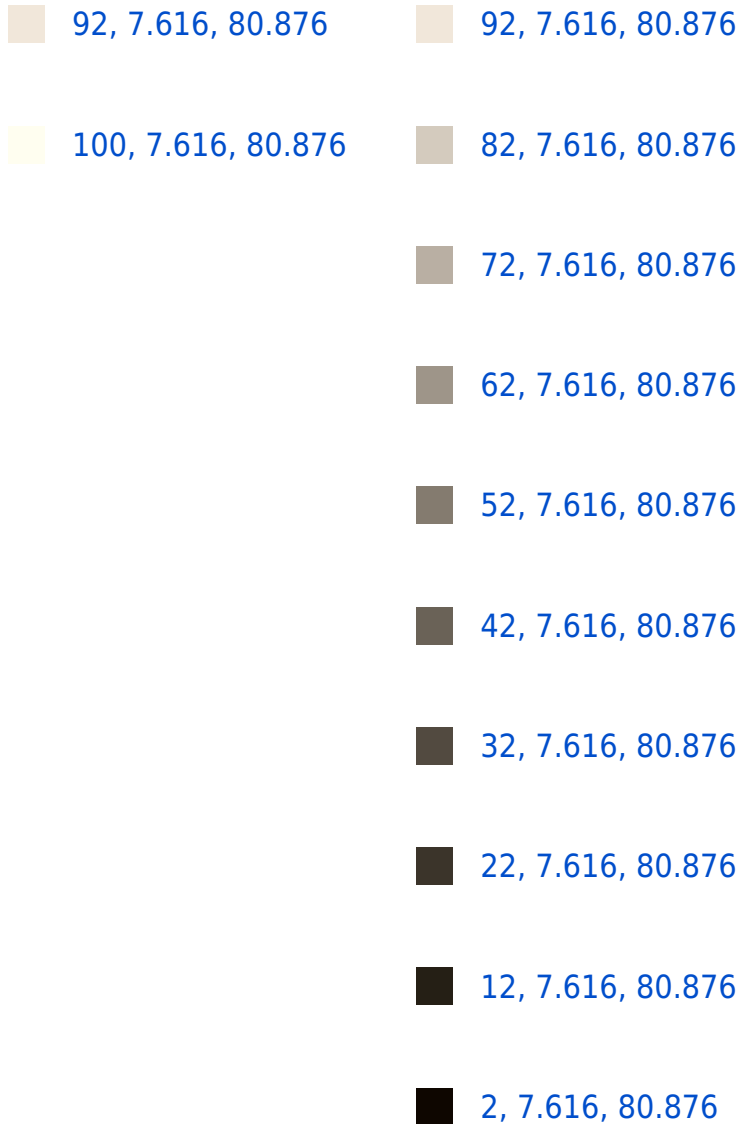


- Cyan (6%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.616, 80.876 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, 7.616, 80.876 by changing the saturation by 10% instead.



92, 7.616, 80.876

92, 7.616, 80.876

89, 15.883, 79.612

95, 0.361, 263.221

86, 24.447, 78.279

98, 4.105, 223.868

83, 33.302, 76.912

99, 4.914, 199.229

80, 42.396, 75.509

77, 51.597, 74.055

74, 60.620, 72.500

72, 68.913, 70.733

69, 75.559, 68.541

67, 79.809, 65.716

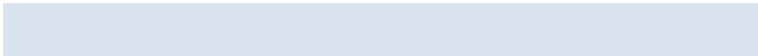
Harmonies

Complementary

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



92, 7.616, 80.876



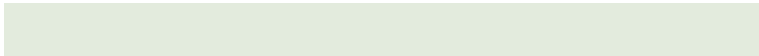
90, 7.520, 263.491

Rectangle

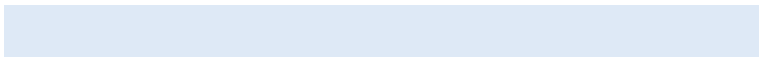
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 7.616, 80.876



92, 7.616, 130.876



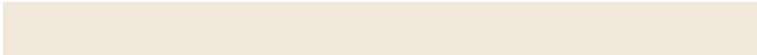
92, 7.616, 260.876



92, 7.616, 310.876

Sweetspot

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



92, 7.617, 80.895



99, 2.471, 81.624



89, 9.905, 347.229



53, 1.878, 81.555



0, 0.000, 0.000



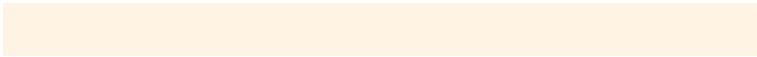
53, 0.007, 296.813

Same Dimension

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



92, 7.617, 80.895



96, 9.217, 80.710



94, 11.778, 111.294



49, 4.515, 80.905



52, 65.154, 66.257



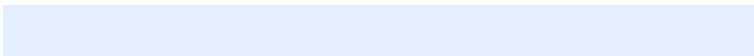
15, 23.597, 68.126

Inverse Universe

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



90, 7.520, 263.491



94, 9.073, 263.702



88, 12.045, 293.057



47, 4.458, 263.480



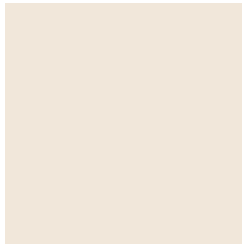
36, 64.057, 289.824



9, 23.982, 282.729

Previews

White Background



This preview shows how the CIELCh color 92, 7.616, 80.876 looks on a white background.

Color Contrast Check

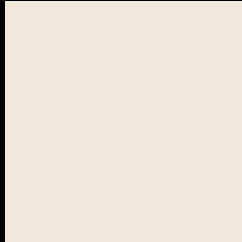
Large Text (above 18pt) WCAG AA × Fail

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, 7.616, 80.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

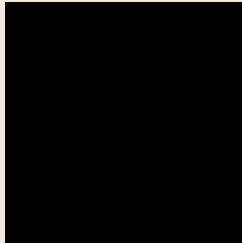
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

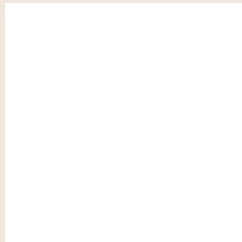
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.616, 80.876

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.616, 80.876.

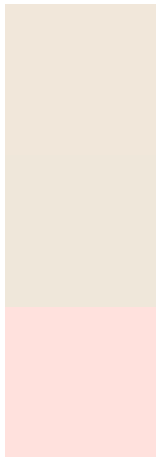


This preview shows how white text looks on a background with the CIELCh color 92, 7.616, 80.876.

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, 7.616, 80.876

Protanopia

92, 7.293, 85.971

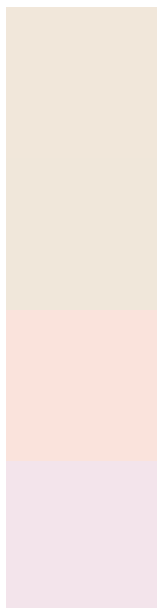
Deuteranopia

92, 11.236, 30.637



Tritanopia
92, 11.316, 324.820

Trichromacy



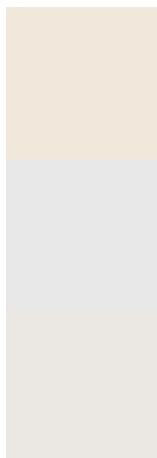
Original Color
92, 7.616, 80.876

Protanomaly
92, 7.447, 83.370

Deuteranomaly
92, 9.188, 42.935

Tritanomaly
92, 6.491, 345.940

Monochromacy



Original Color
92, 7.616, 80.876

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.777, 87.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.616, 80.876 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(241, 231, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 218)  
}
```

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(241, 231, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.616, 80.876 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(241, 231, 218) }
```

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

```
.border{ border-color:rgb(241, 231, 218) }
```

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

Here you see how a box with a 4 pixel rgb(241, 231, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.616, 80.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 231, 218) }
```

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

```
.background{ background-color: rgb(241,  
231, 218) }
```

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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