

Converting Colors

CIELCh(92, 1.745, 32.796)

Have a look what the booklet for
CIELCh(92, 1.745, 32.796) contains.

CIELCh(92, 1.854, 35.336)	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, 1.854, 35.336)

Conversions

Conversions Part 1

Format	Color
Hex	ECE7E6
RGB	236, 231, 230
RGB Percent	93%, 91%, 90%
CMY	0.0745, 0.0941, 0.0980
CMYK	0.00, 0.02, 0.03, 0.07
HSL	10°, 14%, 91%
HSV	10°, 3%, 93%
XYZ	77.4572, 80.7044, 86.3640
YIQ	232.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

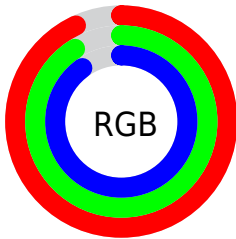
Format	Color
R _Y B	236, 231, 230
Decimal	15525862
CIE Lab	92.00, 1.51, 1.07
CIE LCh	92, 1.854, 35.336
Yxy	80.7044, 0.3168, 0.3300
Android (android.graphics.Color)	4293715942 (0xFFECE7E6)
YUV	232.3810, -1.1738, 3.1739
Hunter-Lab	89.8356, -3.3078, 5.8862

Details

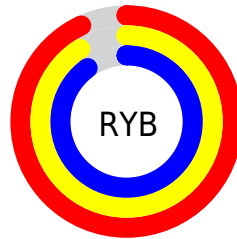
The CIELCh color **92, 1.854, 35.336** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 1.827, 216.122**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 1.883, 19.300** is the 20% darker color. If you saturate the color by 10%, you get **87, 9.533, 35.672**, and if you desaturate by 10%, it is **98, 5.230, 215.966**.

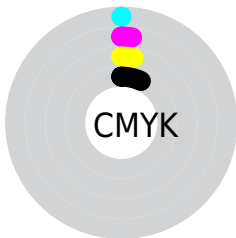
Distribution



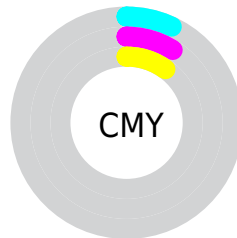
- Red (93%)
- Green (91%)
- Blue (90%)



- Red (93%)
- Yellow (91%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 1.854, 35.336 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, 1.854, 35.336 by changing the saturation by 10% instead.

92, 1.854, 35.336

92, 1.854, 35.336

100, 1.854, 35.336

82, 1.854, 35.336

72, 1.854, 35.336

62, 1.854, 35.336

52, 1.854, 35.336

42, 1.854, 35.336

32, 1.854, 35.336

22, 1.854, 35.336

12, 1.854, 35.336

2, 1.854, 35.336

92, 1.854, 35.336

92, 1.854, 35.336

87, 9.533, 35.672

98, 5.230, 215.966

81, 17.870, 35.818

99, 6.511, 199.095

76, 26.910, 36.106

71, 36.670, 36.595

66, 47.119, 37.334

62, 58.141, 38.357

58, 69.471, 39.643

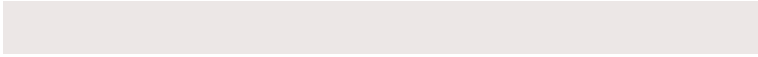
55, 80.531, 41.028

52, 90.030, 42.008

Harmonies

Complementary

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



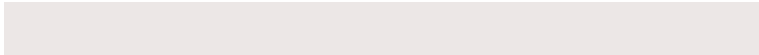
92, 1.854, 35.336



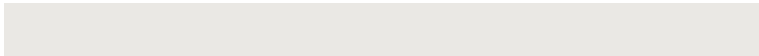
93, 1.827, 216.122

Rectangle

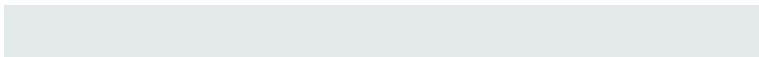
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



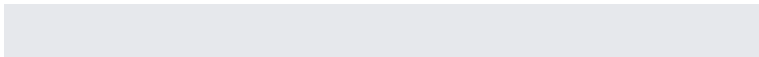
92, 1.854, 35.336



92, 1.854, 85.336



92, 1.854, 215.336



92, 1.854, 265.336

Sweetspot

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



92, 1.853, 35.410



99, 0.770, 34.899



92, 3.377, 329.445



53, 0.438, 34.855



0, 0.000, 0.000



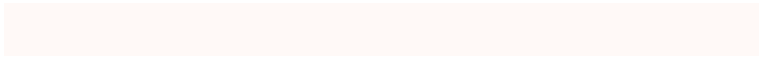
53, 0.007, 296.813

Same Dimension

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



92, 1.853, 35.410



98, 2.333, 35.461



93, 2.165, 90.686



48, 1.657, 35.515



39, 77.694, 42.611



9, 25.410, 32.222

Inverse Universe

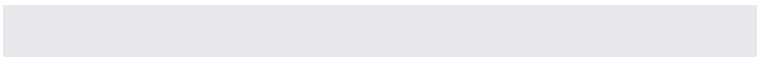
The Inverse Universe completely reimagines the original color for something new.



93, 1.827, 216.122



99, 2.293, 216.075



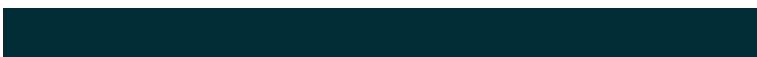
92, 2.183, 271.565



49, 1.620, 216.025



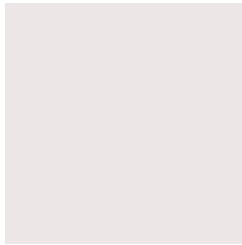
57, 33.670, 228.374



16, 14.456, 223.085

Previews

White Background



This preview shows how the CIELCh color 92, 1.854, 35.336 looks on a white background.

Color Contrast Check

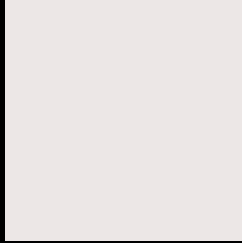
Large Text (above 18pt) WCAG AA × Fail

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, 1.854, 35.336 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

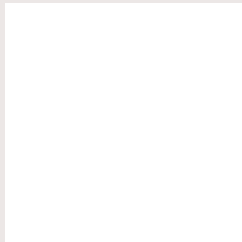
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 1.854, 35.336

Background



This preview shows how black text looks on a background with the CIELCh color 92, 1.854, 35.336.

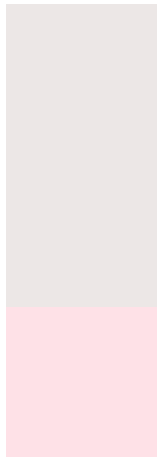


This preview shows how white text looks on a background with the CIELCh color 92, 1.854, 35.336.

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, 1.854, 35.336

Protanopia

92, 1.854, 35.336

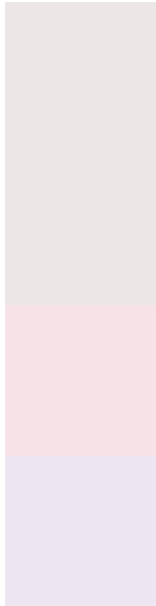
Deuteranopia

92, 10.949, 3.773



Tritanopia
92, 10.002, 311.283

Trichromacy



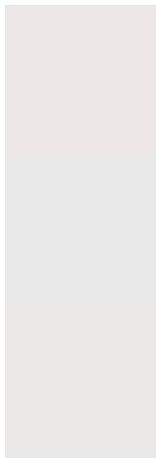
Original Color
92, 1.854, 35.336

Protanomaly
92, 1.854, 35.336

Deuteranomaly
92, 7.507, 3.929

Tritanomaly
92, 6.391, 316.750

Monochromacy



Original Color
92, 1.854, 35.336

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.615, 74.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 1.854, 35.336 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(236, 231, 230)` looks like.

```
.text, #text, p{  
    color:rgb(236, 231, 230)  
}
```

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(236, 231, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 231, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 1.854, 35.336 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(236, 231, 230) }
```

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

```
.border{ border-color:rgb(236, 231, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 231, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 231, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 231, 230);  
box-shadow:4px 4px 4px 4px rgb(236, 231,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 1.854, 35.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 231, 230) }
```

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

```
.background{ background-color: rgb(236,  
231, 230) }
```

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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