

Converting Colors

CIELCh(92, 2.603, 58.508)

Have a look what the booklet for
CIELCh(92, 2.603, 58.508) contains.

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Color

CIELCh(92, 2.636, 55.185)

Conversions

Conversions Part 1

Format	Color
Hex	EDE7E4
RGB	237, 231, 228
RGB Percent	93%, 91%, 89%
CMY	0.0709, 0.0944, 0.1061
CMYK	0.00, 0.03, 0.04, 0.07
HSL	20°, 20%, 91%
HSV	20°, 4%, 93%
XYZ	77.4535, 80.7044, 84.8450
YIQ	232.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

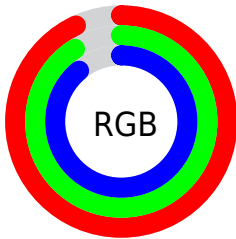
Format	Color
R_{YB}	237, 233, 228
Decimal	15591396
CIE _{Lab}	92.00, 1.50, 2.16
CIE _{LCh}	92, 2.636, 55.185
Y _{xy}	80.7044, 0.3187, 0.3321
Android (android.graphics.Color)	4293781476 (0xFFE7E4)
Y _{UV}	232.4520, -2.1948, 3.9886
Hunter-Lab	89.8356, -3.3152, 6.8887

Details

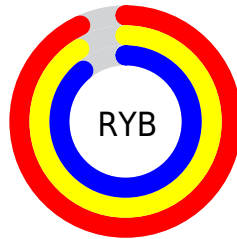
The CIELCh color **92, 2.636, 55.185** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 2.597, 236.284**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 2.506, 45.031** is the 20% darker color. If you saturate the color by 10%, you get **88, 9.934, 54.615**, and if you desaturate by 10%, it is **97, 4.175, 236.394**.

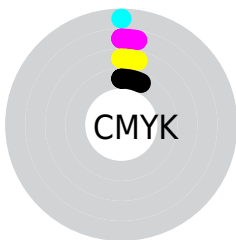
Distribution



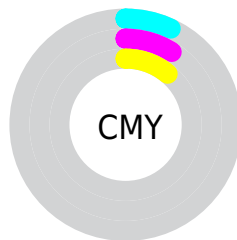
- Red (93%)
- Green (91%)
- Blue (89%)



- Red (93%)
- Yellow (91%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.636, 55.185 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, 2.636, 55.185 by changing the saturation by 10% instead.

92, 2.636, 55.185

92, 2.636, 55.185

100, 2.636, 55.185

82, 2.636, 55.185

72, 2.636, 55.185

62, 2.636, 55.185

52, 2.636, 55.185

42, 2.636, 55.185

32, 2.636, 55.185

22, 2.636, 55.185

12, 2.636, 55.185

2, 2.636, 55.185

92, 2.636, 55.185

92, 2.636, 55.185

88, 9.934, 54.615

97, 4.175, 236.394

83, 17.775, 53.906

99, 6.200, 199.120

79, 26.206, 53.249

75, 35.258, 52.672

71, 44.920, 52.186

67, 55.103, 51.781

63, 65.546, 51.389

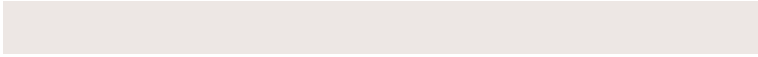
60, 75.640, 50.818

57, 84.149, 49.639

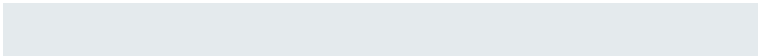
Harmonies

Complementary

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



92, 2.636, 55.185



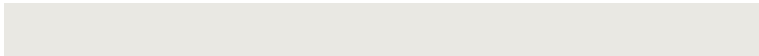
92, 2.597, 236.284

Rectangle

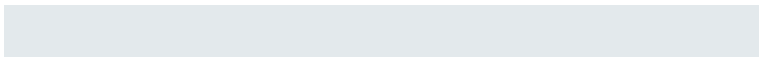
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



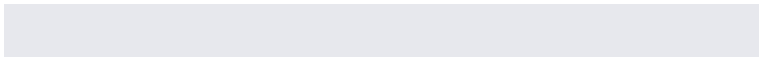
92, 2.636, 55.185



92, 2.636, 105.185



92, 2.636, 235.185



92, 2.636, 285.185

Sweetspot

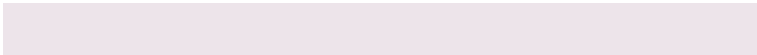
The Sweet Spot groups the original color and five complimentary colors.



92, 2.636, 55.241



100, 0.725, 54.869



91, 4.491, 335.843



53, 0.412, 54.831



0, 0.000, 0.000



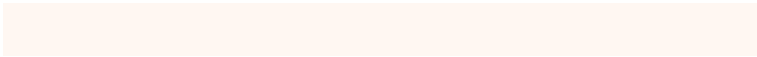
53, 0.007, 296.813

Same Dimension

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



92, 2.636, 55.241



98, 3.701, 55.196



93, 3.881, 101.877



48, 2.364, 55.162



43, 71.742, 49.205



11, 23.162, 44.324

Inverse Universe

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



92, 2.597, 236.284



98, 3.619, 236.341



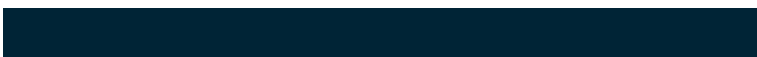
91, 3.920, 282.800



48, 2.303, 236.382



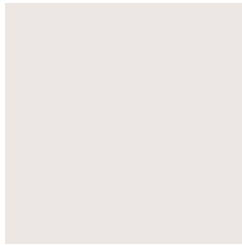
48, 40.064, 262.066



13, 15.840, 253.186

Previews

White Background



This preview shows how the CIELCh color 92, 2.636, 55.185 looks on a white background.

Color Contrast Check

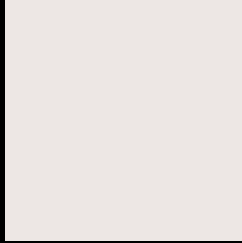
Large Text (above 18pt) WCAG AA × Fail

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, 2.636, 55.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

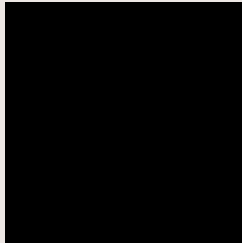
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

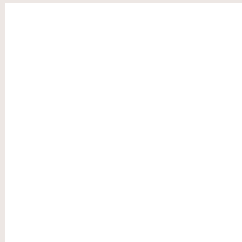
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.636, 55.185

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.636, 55.185.

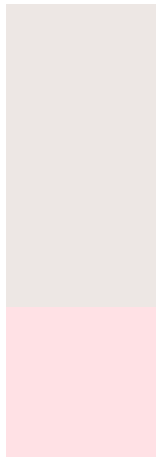


This preview shows how white text looks on a background with the CIELCh color 92, 2.636, 55.185.

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, 2.636, 55.185

Protanopia

92, 2.636, 55.185

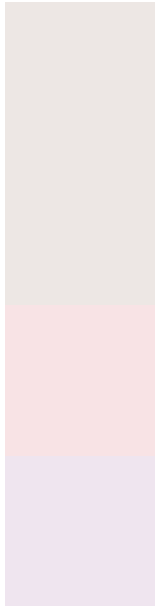
Deuteranopia

92, 11.095, 9.475



Tritanopia
92, 10.272, 314.954

Trichromacy



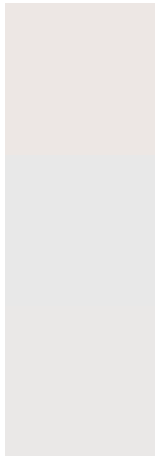
Original Color
92, 2.636, 55.185

Protanomaly
92, 2.636, 55.185

Deuteranomaly
92, 7.669, 12.158

Tritanomaly
92, 6.305, 324.625

Monochromacy



Original Color
92, 2.636, 55.185

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 0.870, 54.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.636, 55.185 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(237, 231, 228)` looks like.

```
.text, #text, p{  
    color:rgb(237, 231, 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(237, 231, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 231, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.636, 55.185 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(237, 231, 228) }
```

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

```
.border{ border-color:rgb(237, 231, 228) }
```

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

Here you see how a box with a 4 pixel rgb(237, 231, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(237, 231,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.636, 55.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 231, 228) }
```

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

```
.background{ background-color: rgb(237,  
231, 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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