

Converting Colors

CIELCh(92, 3.340, 112.550)

Have a look what the booklet for
CIELCh(92, 3.340, 112.550) contains.

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Color

CIELCh(92, 3.623, 115.554)

Conversions

Conversions Part 1

Format	Color
Hex	E8E9E2
RGB	232, 233, 226
RGB Percent	91%, 91%, 89%
CMY	0.0913, 0.0873, 0.1148
CMYK	0.00, 0.00, 0.03, 0.09
HSL	69°, 14%, 90%
HSV	69°, 3%, 91%
XYZ	75.9372, 80.7044, 83.3267
YIQ	231.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

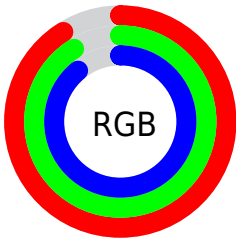
Format	Color
R_{YB}	226, 233, 227
Decimal	15264226
CIE Lab	92.00, -1.56, 3.27
CIE LCh	92, 3.623, 115.554
Yxy	80.7044, 0.3164, 0.3363
Android (android.graphics.Color)	4293454306 (0xFFE8E9E2)
YUV	231.9030, -2.9102, 0.0851
Hunter-Lab	89.8356, -6.3281, 7.8908

Details

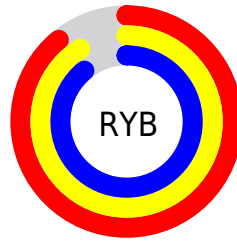
The CIELCh color **92, 3.623, 115.554** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 3.669, 296.032**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.277, 116.467** is the 20% darker color. If you saturate the color by 10%, you get **91, 15.681, 114.820**, and if you desaturate by 10%, it is **93, 8.461, 296.314**.

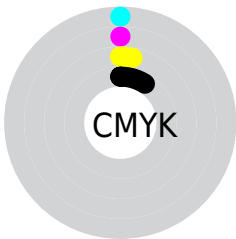
Distribution



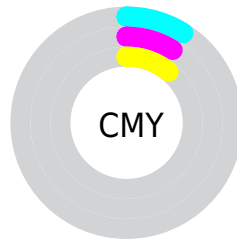
- Red (91%)
- Green (91%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.623, 115.554 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, 3.623, 115.554 by changing the saturation by 10% instead.

92, 3.623, 115.554

92, 3.623, 115.554

100, 3.623,
115.554

82, 3.623, 115.554

72, 3.623, 115.554

62, 3.623, 115.554

52, 3.623, 115.554

42, 3.623, 115.554

32, 3.623, 115.554

22, 3.623, 115.554

12, 3.623, 115.554

2, 3.623, 115.554

92, 3.623, 115.554

92, 3.623, 115.554

91, 15.681,
114.820

93, 8.461, 296.314

91, 27.639,
114.054

93, 11.699,
300.646

90, 39.395,
113.295

94, 11.954,
306.094

89, 50.794,
112.570

94, 12.312,
311.303

89, 61.597,
111.916

94, 12.766,
316.212


88, 71.452,
111.386

94, 13.306,
320.784

88, 79.869,
111.048

95, 13.908,
324.902

88, 86.276,
110.983

 87, 90.230,
111.261

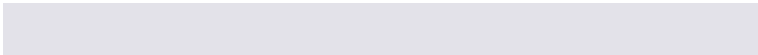
Harmonies

Complementary

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



92, 3.623, 115.554



90, 3.669, 296.032

Rectangle

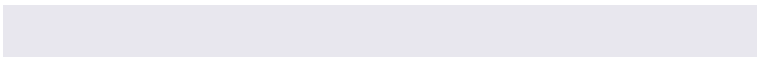
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 3.623, 115.554



92, 3.623, 165.554



92, 3.623, 295.554



92, 3.623, 345.554

Sweetspot

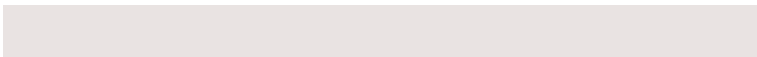
The Sweet Spot groups the original color and five complimentary colors.



92, 3.625, 115.574



100, 1.290, 115.718



91, 2.227, 31.805



53, 0.733, 115.721



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, 3.625, 115.574



100, 5.193, 115.499



92, 3.957, 133.508



49, 3.448, 115.446



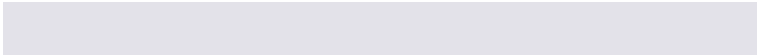
70, 75.990, 111.500



21, 30.915, 111.317

Inverse Universe

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



90, 3.669, 296.032



97, 5.259, 296.110



90, 3.988, 313.664



47, 3.494, 296.167



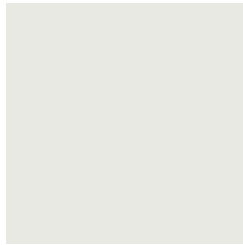
22, 102.541, 306.854



3, 36.073, 301.126

Previews

White Background



This preview shows how the CIELCh color 92, 3.623, 115.554 looks on a white background.

Color Contrast Check

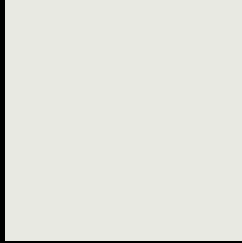
Large Text (above 18pt) WCAG AA × Fail

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, 3.623, 115.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

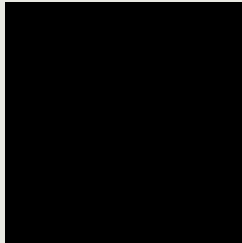
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

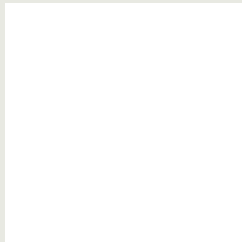
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 3.623, 115.554

Background



This preview shows how black text looks on a background with the CIELCh color 92, 3.623, 115.554.

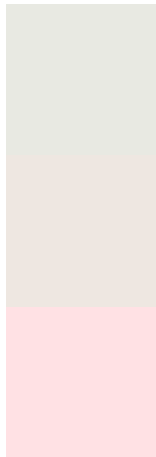


This preview shows how white text looks on a background with the CIELCh color 92, 3.623, 115.554.

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, 3.623, 115.554

Protanopia

92, 3.974, 70.392

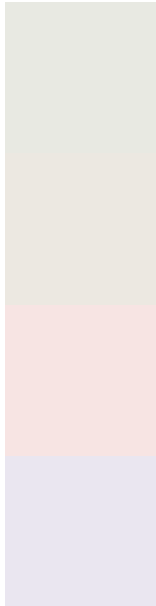
Deuteranopia

92, 11.027, 12.109



Tritanopia
92, 10.092, 302.829

Trichromacy



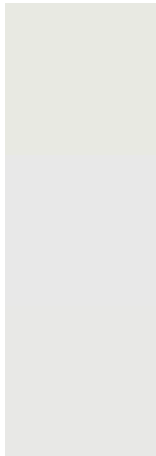
Original Color
92, 3.623, 115.554

Protanomaly
92, 3.867, 87.966

Deuteranomaly
92, 6.905, 24.065

Tritanomaly
92, 5.389, 305.689

Monochromacy



Original Color
92, 3.623, 115.554

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.022, 110.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 3.623, 115.554 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(232, 233, 226)` looks like.

```
.text, #text, p{  
    color:rgb(232, 233, 226)  
}
```

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(232, 233, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 233, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 3.623, 115.554 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(232, 233, 226) }
```

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

```
.border{ border-color:rgb(232, 233, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 233, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 233, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 233, 226); box-shadow:4px 4px 4px 4px rgb(232, 233, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 3.623, 115.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 233, 226) }
```

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

```
.background{ background-color: rgb(232,  
233, 226) }
```

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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