

Converting Colors

CIELCh(92, 4.233, 62.266)

Have a look what the booklet for
CIELCh(92, 4.233, 62.266) contains.

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Color

CIELCh(92, 4.213, 66.556)

Conversions

Conversions Part 1

Format	Color
Hex	EFE7E1
RGB	239, 231, 225
RGB Percent	94%, 91%, 88%
CMY	0.0639, 0.0953, 0.1188
CMYK	0.00, 0.03, 0.06, 0.06
HSL	26°, 30%, 91%
HSV	26°, 6%, 94%
XYZ	77.5387, 80.7044, 82.5141
YIQ	232.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

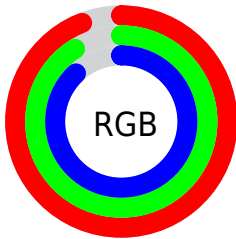
Format	Color
R _Y B	239, 236, 225
Decimal	15722465
CIE Lab	92.00, 1.68, 3.87
CIE LCh	92, 4.213, 66.556
Yxy	80.7044, 0.3221, 0.3352
Android (android.graphics.Color)	4293912545 (0xFFEFE7E1)
YUV	232.7080, -3.8000, 5.5181
Hunter-Lab	89.8356, -3.1459, 8.4271

Details

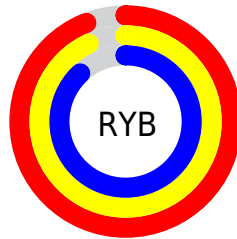
The CIELCh color **92, 4.213, 66.556** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **92, 4.138, 248.139**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.069, 61.241** is the 20% darker color. If you saturate the color by 10%, you get **88, 11.744, 65.565**, and if you desaturate by 10%, it is **96, 2.905, 247.969**.

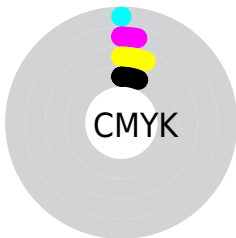
Distribution



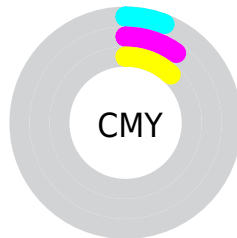
- Red (94%)
- Green (91%)
- Blue (88%)



- Red (94%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.213, 66.556 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, 4.213, 66.556 by changing the saturation by 10% instead.

92, 4.213, 66.556

92, 4.213, 66.556

100, 4.213, 66.556

82, 4.213, 66.556

72, 4.213, 66.556

62, 4.213, 66.556

52, 4.213, 66.556

42, 4.213, 66.556

32, 4.213, 66.556

22, 4.213, 66.556

12, 4.213, 66.556

2, 4.213, 66.556

92, 4.213, 66.556

92, 4.213, 66.556

88, 11.744, 65.565

96, 2.905, 247.969

84, 19.730, 64.488

99, 5.603, 199.169

80, 28.202, 63.420

77, 37.171, 62.374

73, 46.595, 61.346

70, 56.333, 60.306

67, 66.035, 59.161

64, 74.966, 57.692

61, 81.884, 55.493

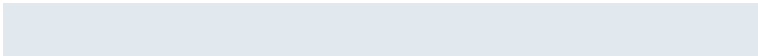
Harmonies

Complementary

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



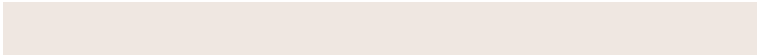
92, 4.213, 66.556



92, 4.138, 248.139

Rectangle

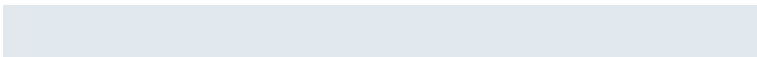
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 4.213, 66.556



92, 4.213, 116.556



92, 4.213, 246.556



92, 4.213, 296.556

Sweetspot

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



92, 4.213, 66.592



99, 1.495, 66.790



91, 6.581, 339.802



53, 0.850, 66.783



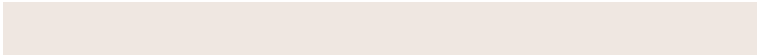
0, 0.000, 0.000



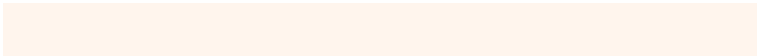
53, 0.007, 296.813

Same Dimension

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



92, 4.213, 66.592



97, 5.326, 66.483



94, 6.590, 105.979



49, 3.295, 66.429



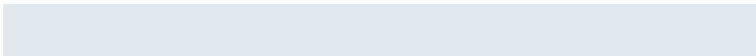
47, 68.858, 55.139



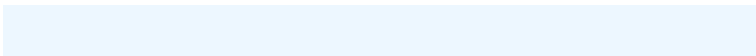
13, 23.612, 53.877

Inverse Universe

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



92, 4.138, 248.139



97, 5.205, 248.263



90, 6.678, 287.241



48, 3.212, 248.326



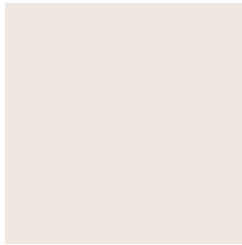
44, 48.804, 276.126



11, 18.902, 267.860

Previews

White Background



This preview shows how the CIELCh color 92, 4.213, 66.556 looks on a white background.

Color Contrast Check

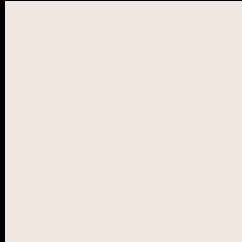
Large Text (above 18pt) WCAG AA × Fail

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, 4.213, 66.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

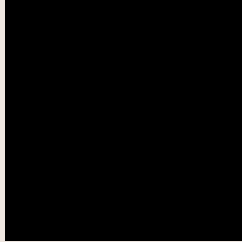
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

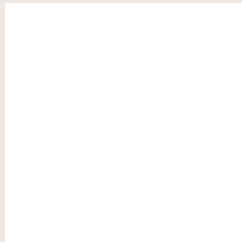
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.213, 66.556

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.213, 66.556.

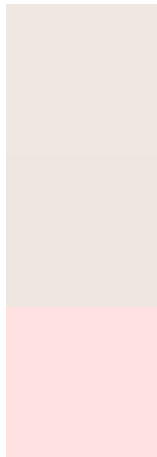


This preview shows how white text looks on a background with the CIELCh color 92, 4.213, 66.556.

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, 4.213, 66.556

Protanopia

92, 3.974, 70.392

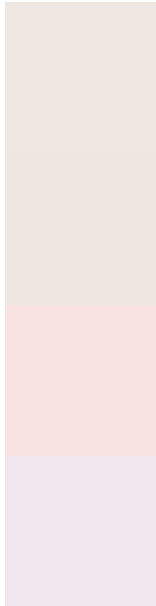
Deuteranopia

92, 10.965, 17.446



Tritanopia
92, 10.128, 319.799

Trichromacy



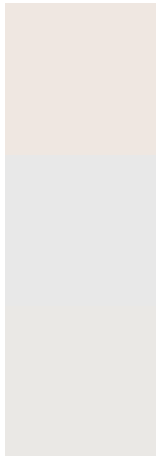
Original Color
92, 4.213, 66.556

Protanomaly
92, 3.974, 70.392

Deuteranomaly
92, 8.015, 23.563

Tritanomaly
92, 6.343, 332.604

Monochromacy



Original Color
92, 4.213, 66.556

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.689, 84.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.213, 66.556 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(239, 231, 225)` looks like.

```
.text, #text, p{  
    color:rgb(239, 231, 225)  
}
```

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(239, 231, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 231, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.213, 66.556 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(239, 231, 225) }
```

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

```
.border{ border-color:rgb(239, 231, 225) }
```

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

Here you see how a box with a 4 pixel rgb(239, 231, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 231, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 231, 225);  
box-shadow:4px 4px 4px 4px rgb(239, 231,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.213, 66.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 231, 225) }
```

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

```
.background{ background-color: rgb(239,  
231, 225) }
```

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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