

Converting Colors

CIE LCh(92, 4.630, 328.170)

Have a look what the booklet for
CIELCh(92, 4.630, 328.170) contains.

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Color

CIELCh(92, 4.630, 328.170)

Conversions

Conversions Part 1

Format	Color
Hex	EEE6ED
RGB	238, 230, 237
RGB Percent	93%, 90%, 93%
CMY	0.0676, 0.0989, 0.0715
CMYK	0.00, 0.03, 0.00, 0.07
HSL	308°, 19%, 92%
HSV	308°, 3%, 93%
XYZ	78.6682, 80.7044, 91.3760
YIQ	233.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

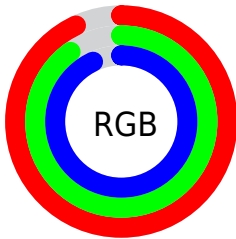
Format	Color
R _Y B	238, 230, 237
Decimal	15656685
CIE Lab	92.00, 3.93, -2.44
CIE LCh	92, 4.630, 328.170
Yxy	80.7044, 0.3137, 0.3219
Android (android.graphics.Color)	4293846765 (0xFFEEE6ED)
YUV	233.1900, 1.8783, 4.2184
Hunter-Lab	89.8356, -0.9017, 2.5784

Details

The CIELCh color `92, 4.630, 328.170` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 4.607, 147.916`, 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, 4.207, 328.771` is the 20% darker color. If you saturate the color by 10%, you get `86, 18.494, 328.819`, and if you desaturate by 10%, it is `98, 9.013, 147.703`.

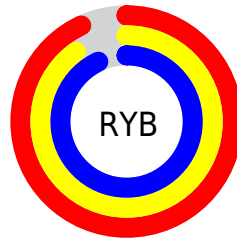
Distribution



Red (93%)

Green (90%)

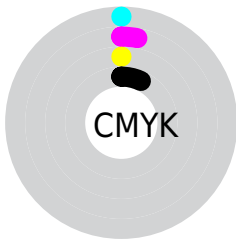
Blue (93%)



Red (93%)

Yellow (90%)

Blue (93%)

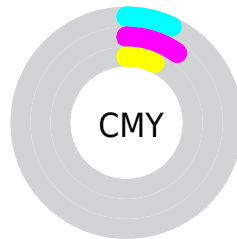


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (10%)

Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.630, 328.170 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, 4.630, 328.170 by changing the saturation by 10% instead.

 92, 4.630, 328.170

 92, 4.630, 328.170

 100, 4.630,
328.170

 82, 4.630, 328.170

 72, 4.630, 328.170

 62, 4.630, 328.170

 52, 4.630, 328.170

 42, 4.630, 328.170

 32, 4.630, 328.170

 22, 4.630, 328.170

 12, 4.630, 328.170

 2, 4.630, 328.170

92, 4.630, 328.170

92, 4.630, 328.170

86, 18.494,
328.819

98, 9.013, 147.703

80, 32.422,
329.433

98, 8.746, 153.351

75, 46.155,
330.048

99, 7.704, 161.059

70, 59.328,
330.660

99, 6.219, 183.119

66, 71.458,
331.265

99, 5.928, 197.224

62, 81.966,
331.857

59, 90.257,
332.440

57, 95.862,
333.021

■ 55, 98.621,
333.620

Harmonies

Complementary

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



92, 4.630, 328.170



93, 4.607, 147.916

Rectangle

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



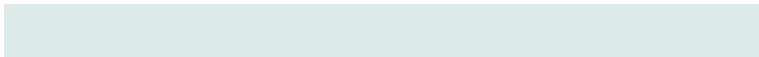
92, 4.630, 328.170



92, 4.630, 18.170



92, 4.630, 148.170



92, 4.630, 198.170

Sweetspot

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



92, 4.627, 328.172



99, 1.460, 327.868



91, 4.166, 295.033



53, 0.831, 327.853



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

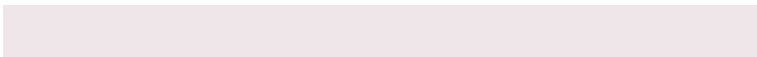
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 4.627, 328.172



97, 5.827, 328.222



92, 3.281, 350.597



49, 3.938, 328.273



42, 81.873, 333.927



10, 36.228, 333.040

Inverse Universe

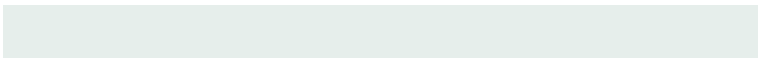
The Inverse Universe completely reimagines the original color for something new.



92, 4.627, 328.172



97, 5.827, 328.222



93, 3.247, 170.310



49, 3.938, 328.273



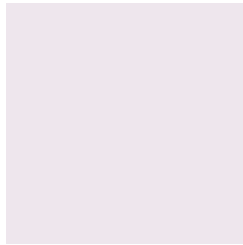
42, 81.873, 333.927



10, 36.228, 333.040

Previews

White Background



This preview shows how the CIELCh color 92, 4.630, 328.170 looks on a white background.

Color Contrast Check

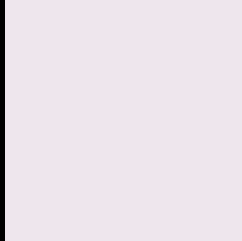
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 92, 4.630, 328.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

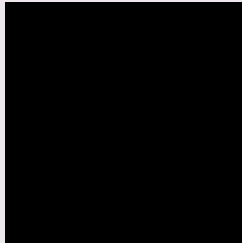
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

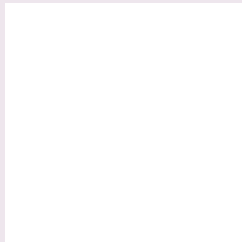
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.630, 328.170

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.630, 328.170.

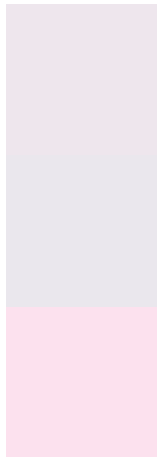


This preview shows how white text looks on a background with the CIELCh color 92, 4.630, 328.170.

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, 4.630, 328.170

Protanopia

92, 3.301, 309.138

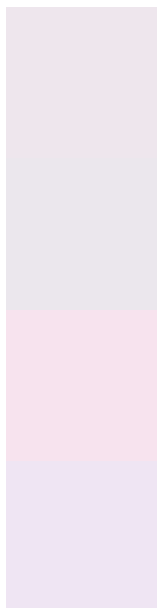
Deuteranopia

92, 11.786, 345.545



Tritanopia
92, 10.132, 313.141

Trichromacy



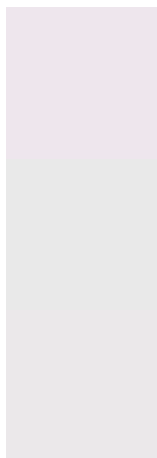
Original Color
92, 4.630, 328.170

Protanomaly
92, 3.434, 314.717

Deuteranomaly
92, 9.150, 341.649

Tritanomaly
92, 8.095, 316.400

Monochromacy



Original Color
92, 4.630, 328.170

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.501, 335.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.630, 328.170 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(238, 230, 237)` looks like.

```
.text, #text, p{  
    color:rgb(238, 230, 237)  
}
```

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(238, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 230, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.630, 328.170 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(238, 230, 237) }
```

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

```
.border{ border-color:rgb(238, 230, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 230, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(238, 230,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.630, 328.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 230, 237) }
```

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

```
.background{ background-color: rgb(238,  
230, 237) }
```

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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