

Converting Colors

CIELCh(92, 2.834, 321.806)

Have a look what the booklet for
CIELCh(92, 2.834, 321.806) contains.

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Color

CIELCh(92, 2.530, 324.421)

Conversions

Conversions Part 1

Format	Color
Hex	EBE7EB
RGB	235, 231, 235
RGB Percent	92%, 91%, 92%
CMY	0.0790, 0.0946, 0.0790
CMYK	0.00, 0.02, 0.00, 0.08
HSL	300°, 9%, 91%
HSV	300°, 2%, 92%
XYZ	77.7288, 80.7044, 89.9739
YIQ	232.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

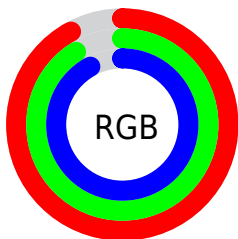
Format	Color
RYB	235, 231, 235
Decimal	15460331
CIELab	92.00, 2.06, -1.47
CIELCh	92, 2.530, 324.421
Yxy	80.7044, 0.3129, 0.3249
Android (android.graphics.Color)	4293650411 (0xFFE7E7EB)
YUV	232.6520, 1.1576, 2.0592
Hunter-Lab	89.8356, -2.7682, 3.5037

Details

The CIELCh color `92, 2.530, 324.421` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 2.508, 144.463`, 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, 2.661, 324.474` is the 20% darker color. If you saturate the color by 10%, you get `86, 17.457, 325.069`, and if you desaturate by 10%, it is `98, 12.147, 144.018`.

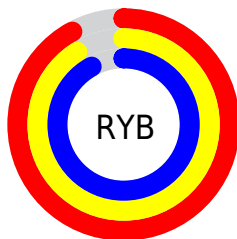
Distribution



Red (92%)

Green (91%)

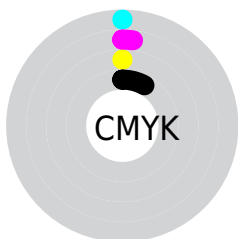
Blue (92%)



Red (92%)

Yellow (91%)

Blue (92%)

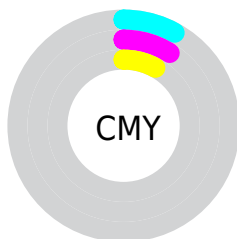


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (9%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.530, 324.421 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, 2.530, 324.421 by changing the saturation by 10% instead.

■ 92, 2.530, 324.421

■ 92, 2.530, 324.421

100, 2.530,
324.421

■ 82, 2.530, 324.421

■ 72, 2.530, 324.421

■ 62, 2.530, 324.421

■ 52, 2.530, 324.421

■ 42, 2.530, 324.421

■ 32, 2.530, 324.421

■ 22, 2.530, 324.421

■ 12, 2.530, 324.421

■ 2, 2.530, 324.421

92, 2.530, 324.421

92, 2.530, 324.421

86, 17.457,
325.069

98, 12.147,
144.018

81, 32.468,
325.626

98, 12.545,
144.002

75, 47.302,
326.163

98, 12.545,
144.002

71, 61.589,
326.668

98, 12.545,
144.002

66, 74.851,
327.126

98, 12.545,
144.002

62, 86.522,
327.518

98, 12.545,
144.001

60, 96.022,
327.830

98, 12.545,
144.001

57, 102.894,
328.052

98, 12.545,
144.001

■ 56,106.966,
328.181

■ 98,12.545,
144.001

Harmonies

Complementary

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



92, 2.530, 324.421



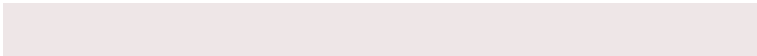
93, 2.508, 144.463

Rectangle

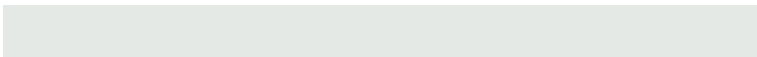
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



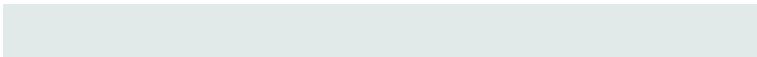
92, 2.530, 324.421



92, 2.530, 14.421



92, 2.530, 144.421



92, 2.530, 194.421

Sweetspot

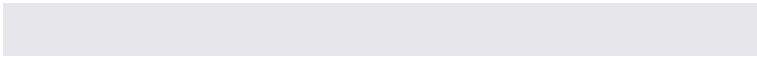
The Sweet Spot groups the original color and five complimentary colors.



92, 2.527, 324.420



99, 1.592, 324.303



92, 2.042, 289.716



53, 0.905, 324.290



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

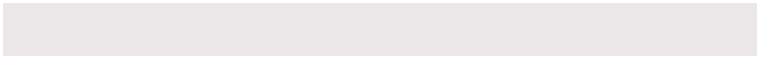
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 2.527, 324.420



99, 3.176, 324.455



92, 1.794, 342.650



49, 1.686, 324.443



43, 89.364, 328.232



9, 38.267, 328.232

Inverse Universe

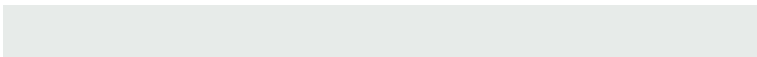
The Inverse Universe completely reimagines the original color for something new.



92, 1.426, 19.072



99, 1.795, 19.158



93, 1.776, 162.882



49, 0.953, 19.128



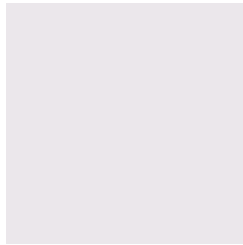
38, 80.847, 39.985



7, 28.535, 22.715

Previews

White Background



This preview shows how the CIE LCh color 92, 2.530, 324.421 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, 2.530, 324.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

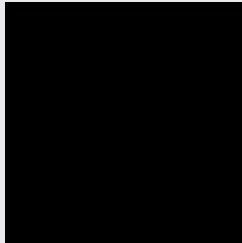
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

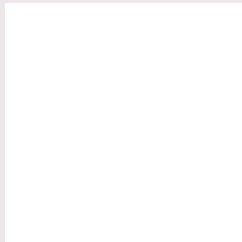
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.530, 324.421

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.530, 324.421.

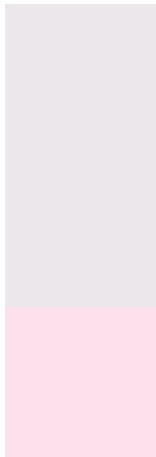


This preview shows how white text looks on a background with the CIELCh color 92, 2.530, 324.421.

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

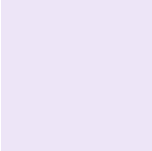
92, 2.530, 324.421

Protanopia

92, 2.530, 324.421

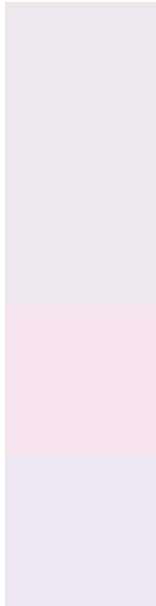
Deuteranopia

92, 11.248, 349.900



Tritanopia
92, 9.768, 307.438

Trichromacy



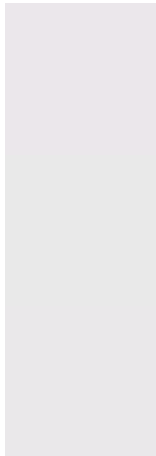
Original Color
92, 2.530, 324.421

Protanomaly
92, 2.530, 324.421

Deuteranomaly
92, 8.257, 345.696

Tritanomaly
92, 7.081, 307.942

Monochromacy



Original Color
92, 2.530, 324.421

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.270, 324.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.530, 324.421 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(235, 231, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 231, 235)  
}
```

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(235, 231, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 231, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.530, 324.421 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(235, 231, 235) }
```

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

```
.border{ border-color:rgb(235, 231, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 231, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 231,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.530, 324.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 231, 235) }
```

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

```
.background{ background-color: rgb(235,  
231, 235) }
```

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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