

Converting Colors

CIELCh(92, 4.422, 324.539)

Have a look what the booklet for
CIELCh(92, 4.422, 324.539) contains.

CIELCh(92, 4.419, 324.538)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(92, 4.419, 324.538)

Conversions

Conversions Part 1

Format	Color
Hex	EDE6ED
RGB	237, 230, 237
RGB Percent	93%, 90%, 93%
CMY	0.0706, 0.0981, 0.0706
CMYK	0.00, 0.03, 0.00, 0.07
HSL	300°, 16%, 92%
HSV	300°, 3%, 93%
XYZ	78.5002, 80.7044, 91.5532
YIQ	232.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

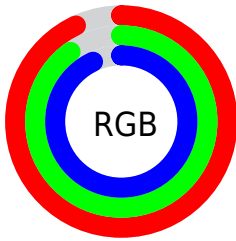
Format	Color
R _Y B	237, 230, 237
Decimal	15591149
CIE Lab	92.00, 3.60, -2.56
CIE LCh	92, 4.419, 324.538
Yxy	80.7044, 0.3131, 0.3218
Android (android.graphics.Color)	4293781229 (0xFFE6E6ED)
YUV	232.8910, 2.0257, 3.6036
Hunter-Lab	89.8356, -1.2355, 2.4614

Details

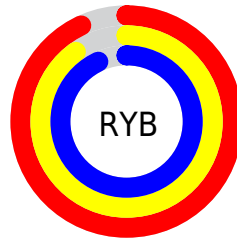
The CIELCh color `92, 4.419, 324.538` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 4.397, 144.342`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 3.984, 324.561` is the 20% darker color. If you saturate the color by 10%, you get `86, 19.477, 325.140`, and if you desaturate by 10%, it is `98, 10.405, 144.089`.

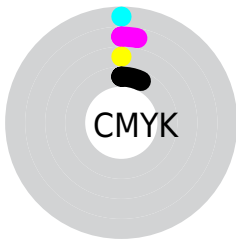
Distribution



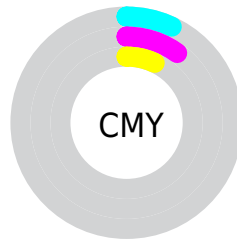
- Red (93%)
- Green (90%)
- Blue (93%)



- 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, 4.419, 324.538 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, 4.419, 324.538 by changing the saturation by 10% instead.

 92, 4.419, 324.538

 92, 4.419, 324.538

 100, 4.419,
324.538

 82, 4.419, 324.538

 72, 4.419, 324.538

 62, 4.419, 324.538

 52, 4.419, 324.538

 42, 4.419, 324.538

 32, 4.419, 324.538

 22, 4.419, 324.538

 12, 4.419, 324.538

 2, 4.419, 324.538

92, 4.419, 324.538

92, 4.419, 324.538

86, 19.477,
325.140

98, 10.405,
144.089

81, 34.592,
325.695

98, 11.212,
144.057

75, 49.488,
326.229

98, 11.212,
144.056

71, 63.778,
326.729

98, 11.212,
144.056

66, 76.966,
327.180

98, 11.212,
144.056

63, 88.474,
327.563

98, 11.212,
144.055

60, 97.725,
327.864

98, 11.212,
144.055

58, 104.286,
328.073

98, 11.212,
144.055

■ 57,108.029,
328.191

■ 98,11.212,
144.054

Harmonies

Complementary

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



92, 4.419, 324.538



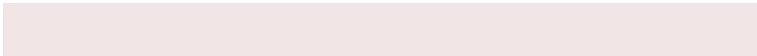
93, 4.397, 144.342

Rectangle

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



92, 4.419, 324.538



92, 4.419, 14.538



92, 4.419, 144.538



92, 4.419, 194.538

Sweetspot

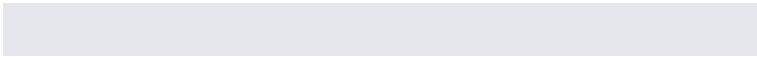
The Sweet Spot groups the original color and five complimentary colors.



92, 4.416, 324.538



99, 1.592, 324.303



92, 3.570, 289.825



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, 4.416, 324.538



97, 6.352, 324.614



92, 3.136, 342.858



48, 4.217, 324.660



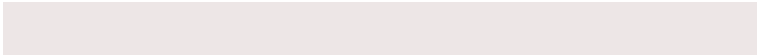
43, 89.364, 328.232



9, 38.267, 328.232

Inverse Universe

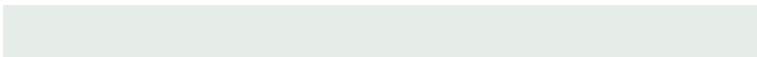
The Inverse Universe completely reimagines the original color for something new.



92, 2.505, 19.333



97, 3.617, 19.465



93, 3.111, 162.672



48, 2.407, 19.538



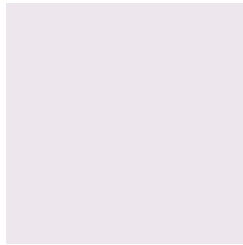
38, 80.847, 39.985



7, 28.535, 22.715

Previews

White Background



This preview shows how the CIELCh color 92, 4.419, 324.538 looks on a white background.

Color Contrast Check

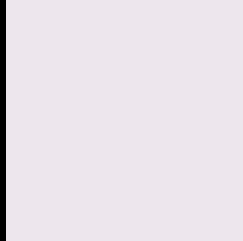
Large Text (above 18pt) WCAG AA × Fail

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, 4.419, 324.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

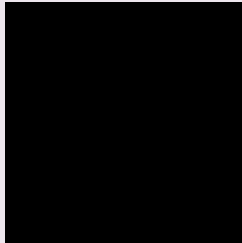
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

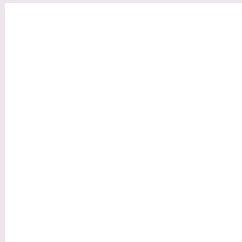
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.419, 324.538

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.419, 324.538.



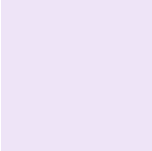
This preview shows how white text looks on a background with the CIELCh color 92, 4.419, 324.538.

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](#).

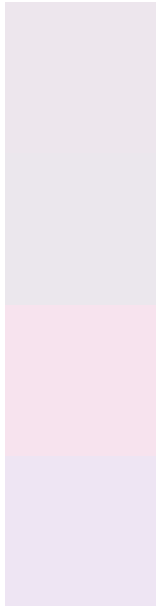
Dichromacy





Tritanopia
92, 10.488, 310.305

Trichromacy



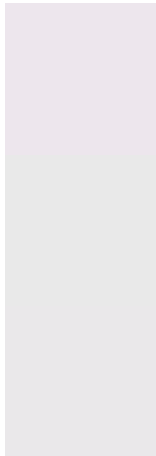
Original Color
92, 4.419, 324.538

Protanomaly
92, 3.434, 314.717

Deuteranomaly
92, 9.150, 341.649

Tritanomaly
92, 7.946, 314.112

Monochromacy



Original Color
92, 4.419, 324.538

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, 4.419, 324.538 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, 230, 237)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 230, 237) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 92, 4.419, 324.538 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, 230, 237) }
```

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

```
.border{ border-color:rgb(237, 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(237, 230, 237)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 92, 4.419, 324.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(237,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor