

Converting Colors

CIELCh(90, 2.593, 330.424)

Have a look what the booklet for
CIELCh(90, 2.593, 330.424) contains.

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Color

CIELCh(90, 2.762, 330.539)

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E5
RGB	230, 225, 229
RGB Percent	90%, 88%, 90%
CMY	0.0982, 0.1178, 0.1021
CMYK	0.00, 0.02, 0.00, 0.10
HSL	312°, 9%, 89%
HSV	312°, 2%, 90%
XYZ	73.6753, 76.3034, 84.9478
YIQ	226.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

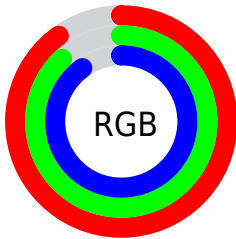
Format	Color
R _{YB}	230, 225, 229
Decimal	15131109
CIE _{Lab}	90.00, 2.40, -1.36
CIE _{LCh}	90, 2.762, 330.539
Y _{xy}	76.3034, 0.3136, 0.3248
Android (android.graphics.Color)	4293321189 (0xFFE6E1E5)
Y _{UV}	226.9510, 1.0102, 2.6740
Hunter-Lab	87.3518, -2.3131, 3.4880

Details

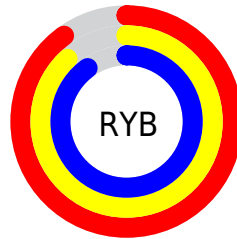
The CIELCh color $90, 2.762, 330.539$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $91, 2.741, 150.524$, and the grayscale version is $90, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $70, 2.906, 330.606$ is the 20% darker color. If you saturate the color by 10%, you get $84, 15.545, 331.275$, and if you desaturate by 10%, it is $96, 9.791, 150.101$.

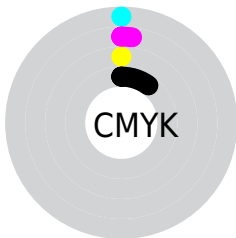
Distribution



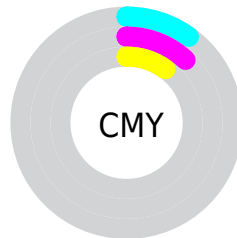
- Red (90%)
- Green (88%)
- Blue (90%)



- Red (90%)
- Yellow (88%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 2.762, 330.539 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 90, 2.762, 330.539 by changing the saturation by 10% instead.

■ 90, 2.762, 330.539

■ 90, 2.762, 330.539

100, 2.762,
330.539

■ 80, 2.762, 330.539

■ 70, 2.762, 330.539

■ 60, 2.762, 330.539

■ 50, 2.762, 330.539

■ 40, 2.762, 330.539

■ 30, 2.762, 330.539

■ 20, 2.762, 330.539

■ 10, 2.762, 330.539

■ 0, 2.762, 330.539

90, 2.762, 330.539

90, 2.762, 330.539

84, 15.545,
331.275

96, 9.791, 150.101

79, 28.424,
331.938

98, 12.355,
154.747

73, 41.176,
332.619

98, 10.790,
163.488

68, 53.475,
333.320

98, 9.540, 174.792

64, 64.878,
334.046

98, 8.743, 188.753

60, 74.839,
334.803

57, 82.771,
335.607

54, 88.175,
336.486

■ 53, 90.823,
337.475

Harmonies

Complementary

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



90, 2.762, 330.539



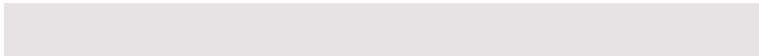
91, 2.741, 150.524

Rectangle

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



90, 2.762, 330.539



90, 2.762, 20.539



90, 2.762, 150.539



90, 2.762, 200.539

Sweetspot

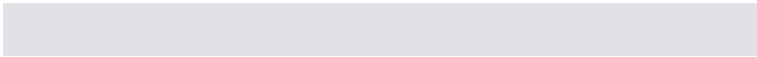
The Sweet Spot groups the original color and five complimentary colors.



90, 2.760, 330.544



99, 1.385, 330.329



90, 2.636, 298.136



53, 0.787, 330.312



0, 0.000, 0.000



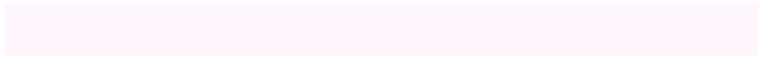
53, 0.007, 296.813

Same Dimension

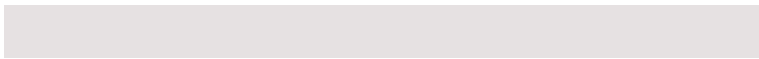
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 2.760, 330.544



98, 4.143, 330.631



90, 1.964, 355.890



47, 2.881, 330.696



40, 75.742, 338.135



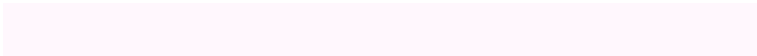
8, 32.520, 336.321

Inverse Universe

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



90, 2.760, 330.544



98, 4.143, 330.631



91, 1.941, 176.035



47, 2.881, 330.696



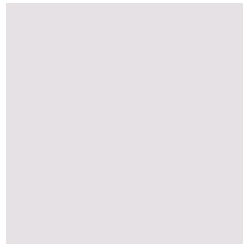
40, 75.742, 338.135



8, 32.520, 336.321

Previews

White Background



This preview shows how the CIELCh color 90, 2.762, 330.539 looks on a white background.

Color Contrast Check

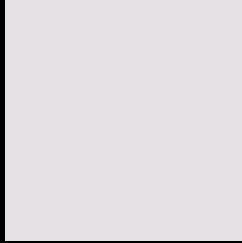
Large Text (above 18pt) WCAG AA × Fail

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 90, 2.762, 330.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

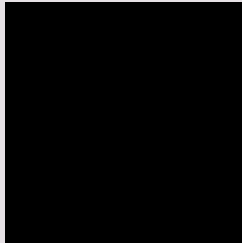
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

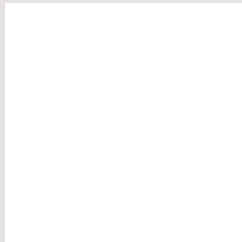
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 2.762, 330.539

Background



This preview shows how black text looks on a background with the CIELCh color 90, 2.762, 330.539.



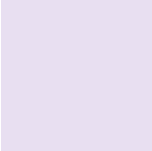
This preview shows how white text looks on a background with the CIELCh color 90, 2.762, 330.539.

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](#).

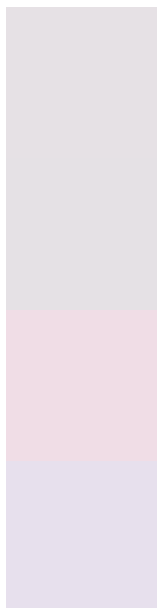
Dichromacy





Tritanopia
90, 9.924, 309.388

Trichromacy



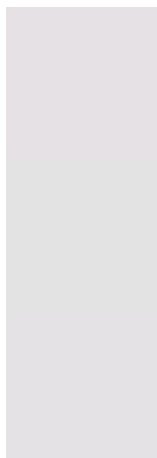
Original Color
90, 2.762, 330.539

Protanomaly
90, 2.543, 324.426

Deuteranomaly
90, 8.298, 345.714

Tritanomaly
90, 7.231, 310.615

Monochromacy



Original Color
90, 2.762, 330.539

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.276, 324.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 2.762, 330.539 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(230, 225, 229)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 229)  
}
```

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(230, 225, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 2.762, 330.539 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(230, 225, 229) }
```

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

```
.border{ border-color:rgb(230, 225, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 2.762, 330.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 229) }
```

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

```
.background{ background-color: rgb(230,  
225, 229) }
```

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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