

Converting Colors

CIELCh(90, 8.191, 290.855)

Have a look what the booklet for
CIELCh(90, 8.191, 290.855) contains.

CIELCh(90, 8.325, 290.859)	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(90, 8.325, 290.859)

Conversions

Conversions Part 1

Format	Color
Hex	E1E1F1
RGB	225, 225, 241
RGB Percent	88%, 88%, 95%
CMY	0.1172, 0.1171, 0.0544
CMYK	0.07, 0.07, 0.00, 0.05
HSL	240°, 37%, 91%
HSV	240°, 7%, 95%
XYZ	73.9448, 76.3034, 94.1488
YIQ	226.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

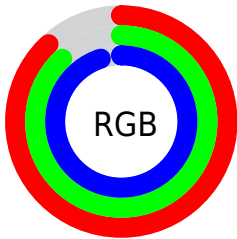
Format	Color
R_{YB}	225, 225, 241
Decimal	14803441
CIE Lab	90.00, 2.96, -7.78
CIE LCh	90, 8.325, 290.859
Yxy	76.3034, 0.3026, 0.3122
Android (android.graphics.Color)	4292993521 (0xFFE1E1F1)
YUV	226.8240, 6.9888, -1.5996
Hunter-Lab	87.3518, -1.7623, -2.7572

Details

The CIELCh color `90, 8.325, 290.859` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `95, 8.185, 109.521`, 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, 8.221, 291.002` is the 20% darker color. If you saturate the color by 10%, you get `82, 21.280, 292.010`, and if you desaturate by 10%, it is `98, 4.119, 109.838`.

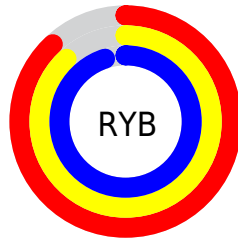
Distribution



Red (88%)

Green (88%)

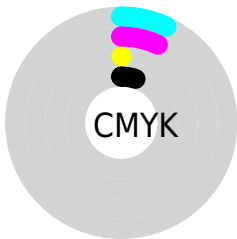
Blue (95%)



Red (88%)

Yellow (88%)

Blue (95%)

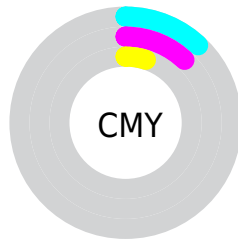


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.325, 290.859 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, 8.325, 290.859 by changing the saturation by 10% instead.

■ 90, 8.325, 290.859

■ 90, 8.325, 290.859

■ 100, 8.325,
290.859

■ 80, 8.325, 290.859

■ 70, 8.325, 290.859

■ 60, 8.325, 290.859

■ 50, 8.325, 290.859

■ 40, 8.325, 290.859

■ 30, 8.325, 290.859

■ 20, 8.325, 290.859

■ 10, 8.325, 290.859

■ 0, 8.325, 290.859

90, 8.325, 290.859

90, 8.325, 290.859

82, 21.280,
292.010

98, 4.119, 109.838

74, 34.796,
293.384

100, 7.021,
109.642

66, 48.904,
294.999

59, 63.605,
296.867

51, 78.789,
298.967

44, 94.056,
301.199

38, 108.411,
303.347

33, 120.014,
305.077

■ 31,126.766,
306.069

Harmonies

Complementary

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



90, 8.325, 290.859



95, 8.185, 109.521

Rectangle

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



90, 8.325, 290.859



90, 8.325, 340.859



90, 8.325, 110.859



90, 8.325, 160.859

Sweetspot

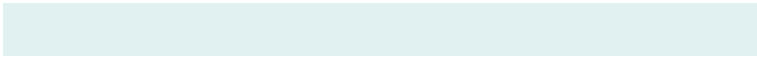
The Sweet Spot groups the original color and five complimentary colors.



90, 8.323, 290.851



98, 2.609, 290.395



94, 5.563, 197.735



52, 1.483, 290.386



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, 8.323, 290.851



93, 10.526, 290.999



91, 8.782, 308.769



46, 7.130, 291.159



22, 104.546, 306.285



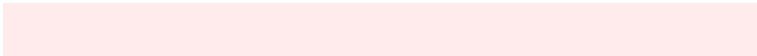
3, 37.804, 298.746

Inverse Universe

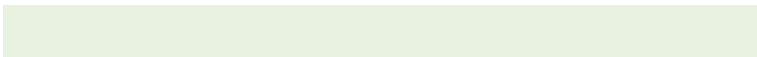
The Inverse Universe completely reimagines the original color for something new.



91, 5.794, 19.692



94, 7.349, 19.806



94, 8.685, 128.203



47, 4.993, 19.922



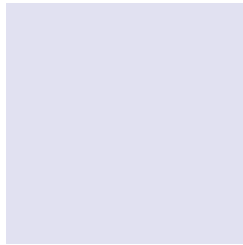
38, 81.693, 39.987



8, 29.835, 23.798

Previews

White Background



This preview shows how the CIELCh color 90, 8.325, 290.859 looks on a white background.

Color Contrast Check

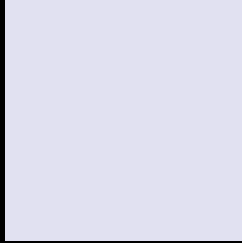
Large Text (above 18pt) WCAG AA × Fail

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, 8.325, 290.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

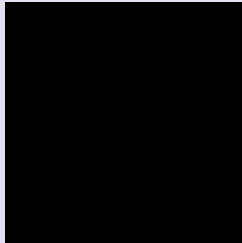
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

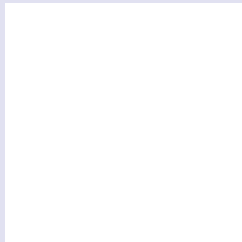
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.325, 290.859

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.325, 290.859.



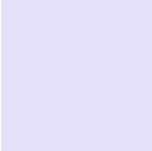
This preview shows how white text looks on a background with the CIELCh color 90, 8.325, 290.859.

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, 9.364, 290.941

Trichromacy



Original Color
90, 8.325, 290.859

Protanomaly
90, 8.337, 293.244

Deuteranomaly
90, 11.412, 314.457

Tritanomaly
90, 8.844, 290.900

Monochromacy



Original Color
90, 8.325, 290.859

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.125, 290.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.325, 290.859 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(225, 225, 241)` looks like.

```
.text, #text, p{  
    color:rgb(225, 225, 241)  
}
```

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(225, 225, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 225, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.325, 290.859 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(225, 225, 241) }
```

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

```
.border{ border-color:rgb(225, 225, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 225, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 225, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 225, 241);  
box-shadow:4px 4px 4px 4px rgb(225, 225,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.325, 290.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 225, 241) }
```

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

```
.background{ background-color: rgb(225,  
225, 241) }
```

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