

Converting Colors

CIELCh(90, 1.862, 35.342)

Have a look what the booklet for
CIELCh(90, 1.862, 35.342) contains.

CIELCh(90, 1.863, 35.343)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(90, 1.863, 35.343)

Conversions

Conversions Part 1

Format	Color
Hex	E6E1E0
RGB	230, 225, 224
RGB Percent	90%, 88%, 88%
CMY	0.0968, 0.1163, 0.1203
CMYK	0.00, 0.02, 0.03, 0.10
HSL	10°, 11%, 89%
HSV	10°, 3%, 90%
XYZ	73.2501, 76.3034, 81.6203
YIQ	226.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

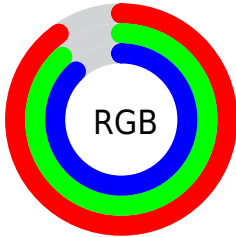
Format	Color
R _Y B	230, 225, 224
Decimal	15131104
CIE Lab	90.00, 1.52, 1.08
CIE LCh	90, 1.863, 35.343
Yxy	76.3034, 0.3169, 0.3301
Android (android.graphics.Color)	4293321184 (0xFFE6E1E0)
YUV	226.3810, -1.1738, 3.1739
Hunter-Lab	87.3518, -3.1819, 5.7465

Details

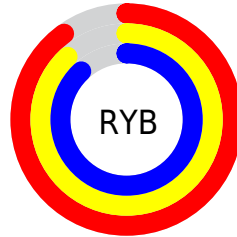
The CIELCh color **90, 1.863, 35.343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 1.835, 216.113**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 1.968, 35.414** is the 20% darker color. If you saturate the color by 10%, you get **85, 9.395, 35.671**, and if you desaturate by 10%, it is **95, 5.086, 215.964**.

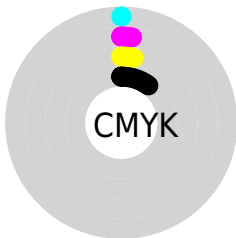
Distribution



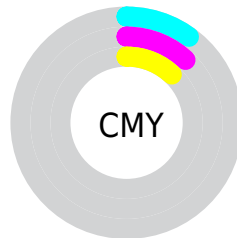
- Red (90%)
- Green (88%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 1.863, 35.343 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, 1.863, 35.343 by changing the saturation by 10% instead.

90, 1.863, 35.343

90, 1.863, 35.343

100, 1.863, 35.343

80, 1.863, 35.343

70, 1.863, 35.343

60, 1.863, 35.343

50, 1.863, 35.343

40, 1.863, 35.343

30, 1.863, 35.343

20, 1.863, 35.343

10, 1.863, 35.343

0, 1.863, 35.343

90, 1.863, 35.343

90, 1.863, 35.343

85, 9.395, 35.671

95, 5.086, 215.964

79, 17.572, 35.817

98, 8.412, 198.952

74, 26.436, 36.105

69, 36.006, 36.594

65, 46.250, 37.332

61, 57.056, 38.353

57, 68.164, 39.637

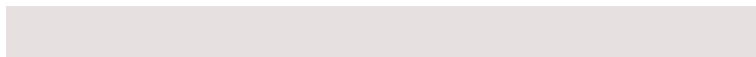
54, 79.010, 41.021

51, 88.338, 42.004

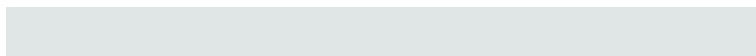
Harmonies

Complementary

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



90, 1.863, 35.343



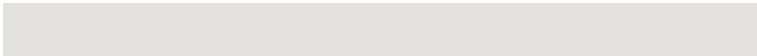
91, 1.835, 216.113

Rectangle

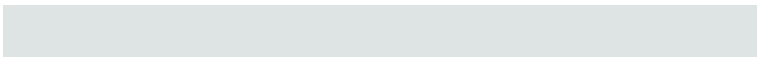
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



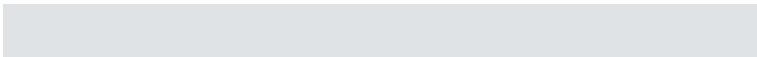
90, 1.863, 35.343



90, 1.863, 85.343



90, 1.863, 215.343



90, 1.863, 265.343

Sweetspot

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



90, 1.862, 35.416



99, 0.770, 34.897



90, 3.392, 329.450



53, 0.438, 34.853



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

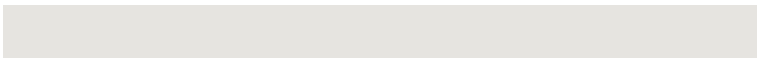
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 1.862, 35.416



98, 2.333, 35.459



91, 2.175, 90.682



47, 1.627, 35.513



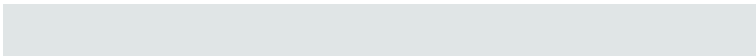
39, 76.857, 42.633



8, 24.134, 31.169

Inverse Universe

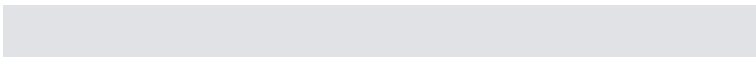
The Inverse Universe completely reimagines the original color for something new.



91, 1.835, 216.113



99, 2.293, 216.073



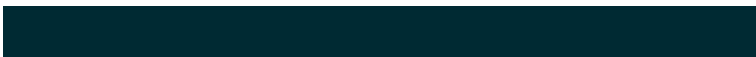
90, 2.193, 271.570



48, 1.591, 216.024



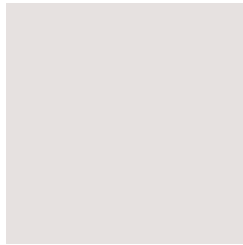
57, 33.317, 228.332



15, 14.023, 222.768

Previews

White Background



This preview shows how the CIELCh color 90, 1.863, 35.343 looks on a white background.

Color Contrast Check

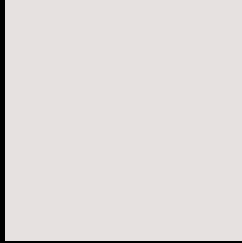
Large Text (above 18pt) WCAG AA × Fail

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, 1.863, 35.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

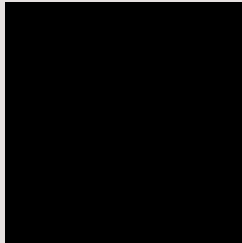
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

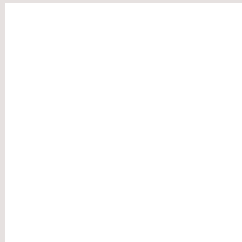
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 1.863, 35.343

Background



This preview shows how black text looks on a background with the CIELCh color 90, 1.863, 35.343.



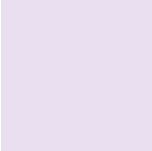
This preview shows how white text looks on a background with the CIELCh color 90, 1.863, 35.343.

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, 9.559, 312.370

Trichromacy



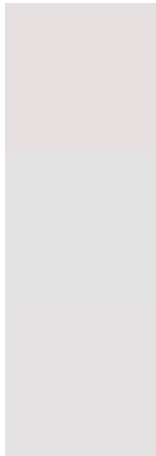
Original Color
90, 1.863, 35.343

Protanomaly
90, 2.213, 32.813

Deuteranomaly
90, 7.898, 4.715

Tritanomaly
90, 5.957, 318.961

Monochromacy



Original Color
90, 1.863, 35.343

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 0.716, 18.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 1.863, 35.343 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 1.863, 35.343 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, 224) }
```

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

```
.border{ border-color:rgb(230, 225, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 1.863, 35.343 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, 224) }
```

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

```
.background{ background-color: rgb(230,  
225, 224) }
```

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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