

Converting Colors

CIELCh(90, 5.202, 61.832)

Have a look what the booklet for
CIELCh(90, 5.202, 61.832) contains.

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Color

CIELCh(90, 5.121, 64.455)

Conversions

Conversions Part 1

Format	Color
Hex	EBE1DA
RGB	235, 225, 218
RGB Percent	92%, 88%, 85%
CMY	0.0798, 0.1190, 0.1465
CMYK	0.00, 0.04, 0.07, 0.08
HSL	25°, 29%, 89%
HSV	25°, 7%, 92%
XYZ	73.5807, 76.3034, 76.9381
YIQ	227.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

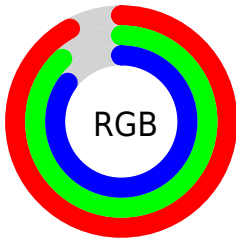
Format	Color
R _Y B	235, 230, 218
Decimal	15458778
CIE Lab	90.00, 2.21, 4.62
CIE LCh	90, 5.121, 64.455
Yxy	76.3034, 0.3244, 0.3364
Android (android.graphics.Color)	4293648858 (0xFFEBE1DA)
YUV	227.1920, -4.5317, 6.8476
Hunter-Lab	87.3518, -2.5063, 8.9246

Details

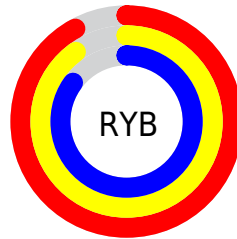
The CIELCh color **90, 5.121, 64.455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 4.990, 246.255**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 5.147, 67.308** is the 20% darker color. If you saturate the color by 10%, you get **86, 12.576, 63.490**, and if you desaturate by 10%, it is **94, 1.904, 245.893**.

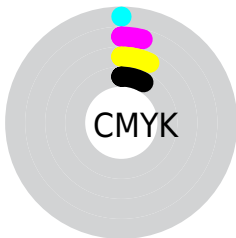
Distribution



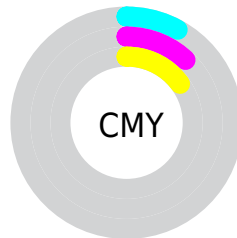
- Red (92%)
- Green (88%)
- Blue (85%)



- Red (92%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.121, 64.455 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, 5.121, 64.455 by changing the saturation by 10% instead.



90, 5.121, 64.455

90, 5.121, 64.455

86, 12.576, 63.490

94, 1.904, 245.893

82, 20.502, 62.469

98, 6.162, 212.362

78, 28.934, 61.468

99, 6.971, 199.059

75, 37.879, 60.500

71, 47.293, 59.560

68, 57.022, 58.614

64, 66.693, 57.555

61, 75.518, 56.141

59, 82.251, 53.957

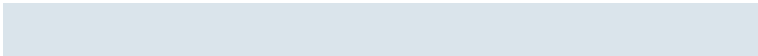
Harmonies

Complementary

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



90, 5.121, 64.455



90, 4.990, 246.255

Rectangle

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



90, 5.121, 64.455



90, 5.121, 114.455



90, 5.121, 244.455



90, 5.121, 294.455

Sweetspot

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



90, 5.121, 64.484



99, 1.485, 64.781



89, 8.123, 339.127



53, 0.844, 64.773



0, 0.000, 0.000



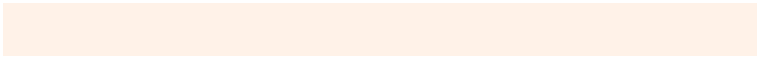
53, 0.007, 296.813

Same Dimension

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



90, 5.121, 64.484



96, 6.847, 64.314



92, 7.893, 105.035



47, 4.045, 64.273



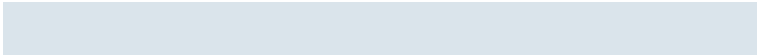
45, 68.732, 54.003



12, 22.465, 51.732

Inverse Universe

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



90, 4.990, 246.255



96, 6.618, 246.457



88, 8.008, 286.611



47, 3.902, 246.507



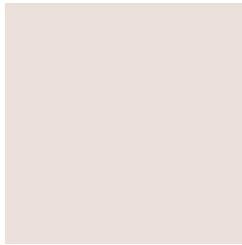
44, 46.628, 273.896



11, 17.733, 265.053

Previews

White Background



This preview shows how the CIELCh color 90, 5.121, 64.455 looks on a white background.

Color Contrast Check

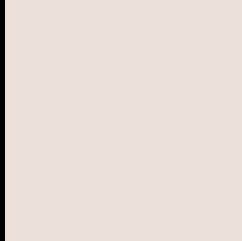
Large Text (above 18pt) WCAG AA × Fail

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, 5.121, 64.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

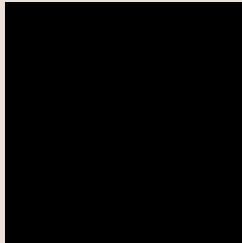
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

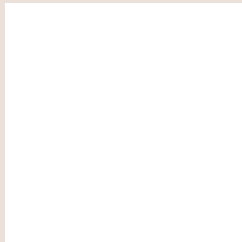
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.121, 64.455

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.121, 64.455.

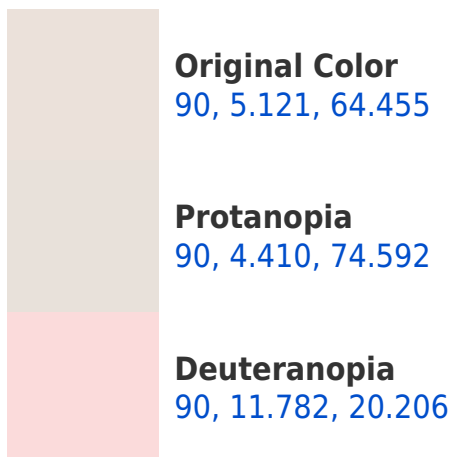


This preview shows how white text looks on a background with the CIELCh color 90, 5.121, 64.455.

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](#).

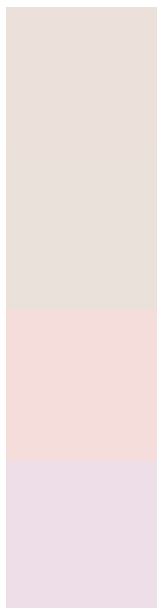
Dichromacy





Tritanopia
90, 11.175, 323.310

Trichromacy



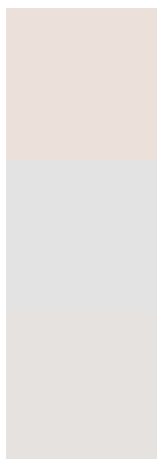
Original Color
90, 5.121, 64.455

Protanomaly
90, 4.630, 70.875

Deuteranomaly
90, 8.861, 26.647

Tritanomaly
90, 7.151, 339.049

Monochromacy



Original Color
90, 5.121, 64.455

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 1.758, 55.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.121, 64.455 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, 225, 218)` looks like.

```
.text, #text, p{  
    color:rgb(235, 225, 218)  
}
```

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, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 225, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.121, 64.455 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, 225, 218) }
```

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

```
.border{ border-color:rgb(235, 225, 218) }
```

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

Here you see how a box with a 4 pixel rgb(235, 225, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(235, 225,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.121, 64.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 225, 218) }
```

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

```
.background{ background-color: rgb(235,  
225, 218) }
```

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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