

Converting Colors

CIELCh(90, 7.353, 47.576)

Have a look what the booklet for
CIELCh(90, 7.353, 47.576) contains.

CIELCh(90, 7.534, 48.424)	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, 7.534, 48.424)

Conversions

Conversions Part 1

Format	Color
Hex	F1DFD8
RGB	241, 223, 216
RGB Percent	95%, 87%, 85%
CMY	0.0556, 0.1261, 0.1536
CMYK	0.00, 0.07, 0.10, 0.06
HSL	17°, 47%, 90%
HSV	17°, 10%, 94%
XYZ	74.9310, 76.3034, 75.6297
YIQ	227.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

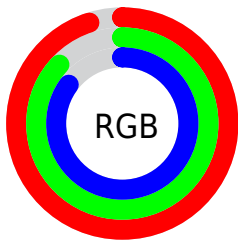
Format	Color
R _Y B	241, 226, 216
Decimal	15851480
CIE Lab	90.00, 5.00, 5.64
CIE LCh	90, 7.534, 48.424
Yxy	76.3034, 0.3303, 0.3363
Android (android.graphics.Color)	4294041560 (0xFFFF1DFD8)
YUV	227.5840, -5.7109, 11.7658
Hunter-Lab	87.3518, 0.2530, 9.8126

Details

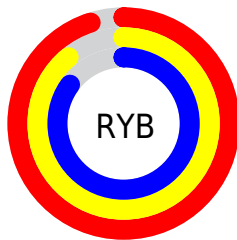
The CIELCh color **90, 7.534, 48.424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **92, 7.103, 229.892**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 7.650, 49.687** is the 20% darker color. If you saturate the color by 10%, you get **85, 15.385, 47.986**, and if you desaturate by 10%, it is **95, 0.261, 46.817**.

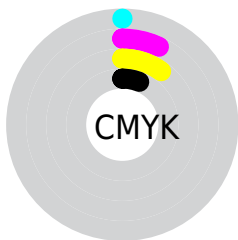
Distribution



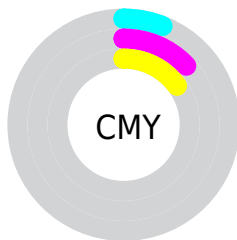
- Red (95%)
- Green (87%)
- Blue (85%)



- Red (95%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 7.534, 48.424 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, 7.534, 48.424 by changing the saturation by 10% instead.



90, 7.534, 48.424

90, 7.534, 48.424

85, 15.385, 47.986

95, 0.261, 46.817

80, 23.871, 47.591

99, 4.882, 199.232

76, 33.031, 47.303

72, 42.874, 47.149

67, 53.341, 47.137

64, 64.244, 47.235

60, 75.114, 47.307

57, 84.905, 46.993

55, 92.058, 45.989

Harmonies

Complementary

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



90, 7.534, 48.424



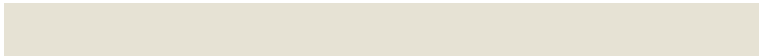
92, 7.103, 229.892

Rectangle

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



90, 7.534, 48.424



90, 7.534, 98.424



90, 7.534, 228.424



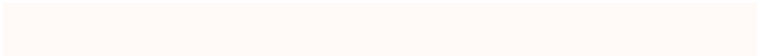
90, 7.534, 278.424

Sweetspot

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



90, 7.533, 48.445



98, 2.215, 48.655



89, 13.109, 333.636



52, 1.685, 48.668



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, 7.533, 48.445



94, 9.183, 48.368



93, 10.063, 97.091



48, 4.094, 48.485



42, 74.637, 46.525



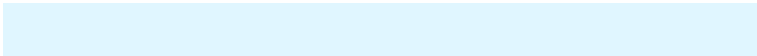
11, 25.083, 40.585

Inverse Universe

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



92, 7.103, 229.892



96, 8.570, 230.012



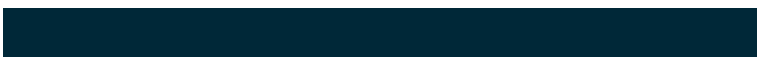
88, 10.160, 279.637



48, 3.882, 229.830



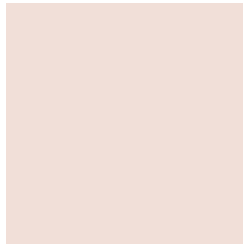
52, 37.133, 252.302



15, 15.460, 244.401

Previews

White Background



This preview shows how the CIELCh color 90, 7.534, 48.424 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, 7.534, 48.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

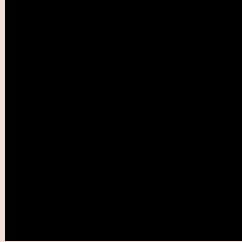
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

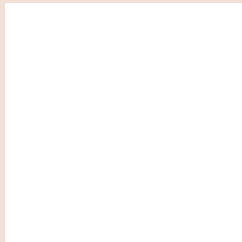
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 7.534, 48.424

Background



This preview shows how black text looks on a background with the CIELCh color 90, 7.534, 48.424.

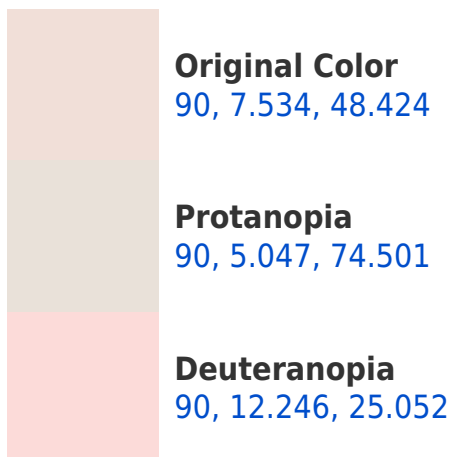


This preview shows how white text looks on a background with the CIELCh color 90, 7.534, 48.424.

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, 12.329, 334.592

Trichromacy



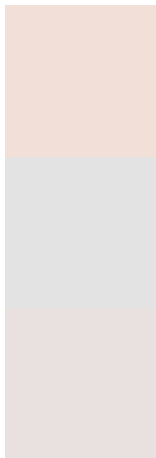
Original Color
90, 7.534, 48.424

Protanomaly
90, 5.673, 59.206

Deuteranomaly
90, 10.442, 28.595

Tritanomaly
90, 8.969, 352.492

Monochromacy



Original Color
90, 7.534, 48.424

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 2.717, 41.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 7.534, 48.424 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(241, 223, 216)` looks like.

```
.text, #text, p{  
    color:rgb(241, 223, 216)  
}
```

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(241, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 223, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 7.534, 48.424 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(241, 223, 216) }
```

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

```
.border{ border-color:rgb(241, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(241, 223,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 7.534, 48.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 223, 216) }
```

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

```
.background{ background-color: rgb(241,  
223, 216) }
```

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