

Converting Colors

CIELCh(90, 5.316, 9.820)

Have a look what the booklet for
CIELCh(90, 5.316, 9.820) contains.

CIELCh(90, 5.526, 8.898)	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, 5.526, 8.898)

Conversions

Conversions Part 1

Format	Color
Hex	EEDFE1
RGB	238, 223, 225
RGB Percent	93%, 87%, 88%
CMY	0.0671, 0.1259, 0.1181
CMYK	0.00, 0.06, 0.05, 0.07
HSL	352°, 30%, 90%
HSV	352°, 6%, 93%
XYZ	75.1550, 76.3034, 81.9211
YIQ	227.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

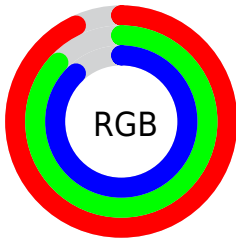
Format	Color
R _Y B	238, 223, 225
Decimal	15654881
CIE Lab	90.00, 5.46, 0.85
CIE LCh	90, 5.526, 8.898
Yxy	76.3034, 0.3220, 0.3269
Android (android.graphics.Color)	4293844961 (0xFFEEDFE1)
YUV	227.7130, -1.3375, 9.0217
Hunter-Lab	87.3518, 0.7107, 5.5423

Details

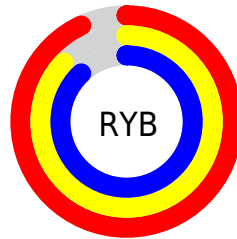
The CIELCh color **90, 5.526, 8.898** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 5.359, 188.073**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 5.458, 8.282** is the 20% darker color. If you saturate the color by 10%, you get **84, 14.733, 9.979**, and if you desaturate by 10%, it is **96, 3.133, 188.383**.

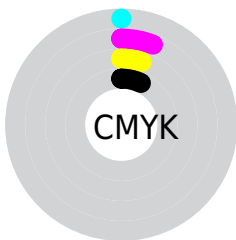
Distribution



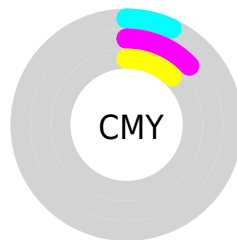
- Red (93%)
- Green (87%)
- Blue (88%)



- Red (93%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.526, 8.898 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, 5.526, 8.898 by changing the saturation by 10% instead.

90, 5.526, 8.898

90, 5.526, 8.898

100, 5.526, 8.898

80, 5.526, 8.898

70, 5.526, 8.898

60, 5.526, 8.898

50, 5.526, 8.898

40, 5.526, 8.898

30, 5.526, 8.898

20, 5.526, 8.898

10, 5.526, 8.898

0, 5.526, 8.898

90, 5.526, 8.898

90, 5.526, 8.898

84, 14.733, 9.979

96, 3.133, 188.383

78, 24.471, 11.201

99, 5.878, 199.146

72, 34.654, 12.697

66, 45.113, 14.569

61, 55.572, 16.944

57, 65.673, 19.965

54, 75.047, 23.746

51, 83.424, 28.268

50, 90.592, 33.168

Harmonies

Complementary

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



90, 5.526, 8.898



93, 5.359, 188.073

Rectangle

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



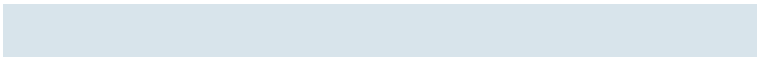
90, 5.526, 8.898



90, 5.526, 58.898



90, 5.526, 188.898



90, 5.526, 238.898

Sweetspot

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



90, 5.524, 8.916



99, 1.832, 8.304



90, 9.092, 321.034



53, 1.041, 8.277



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

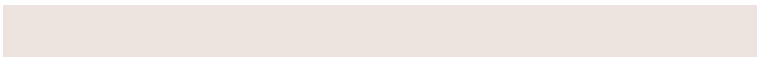
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 5.524, 8.916



95, 7.457, 9.099



91, 4.442, 59.127



47, 5.060, 9.250



38, 75.875, 33.976



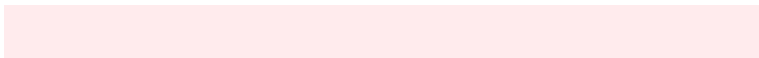
8, 29.219, 18.387

Inverse Universe

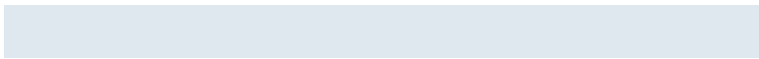
The Inverse Universe completely reimagines the original color for something new.



90, 5.524, 8.916



95, 7.457, 9.099



92, 4.327, 240.565



47, 5.060, 9.250



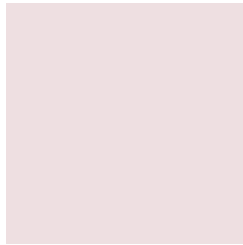
38, 75.875, 33.976



8, 29.219, 18.387

Previews

White Background



This preview shows how the CIE LCh color 90, 5.526, 8.898 looks on a white background.

Color Contrast Check

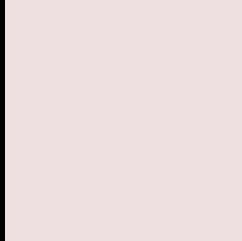
Large Text (above 18pt) WCAG AA × Fail

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, 5.526, 8.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

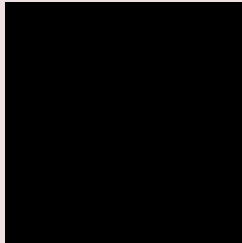
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

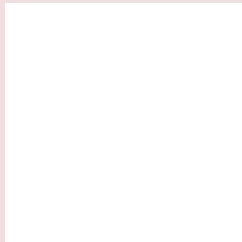
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.526, 8.898

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.526, 8.898.

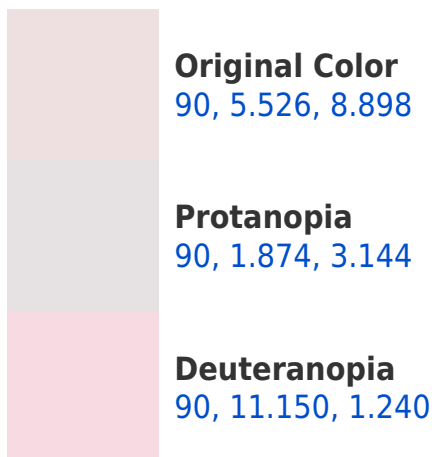


This preview shows how white text looks on a background with the CIELCh color 90, 5.526, 8.898.

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](#).

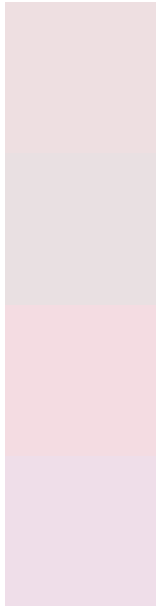
Dichromacy





Tritanopia
90, 11.159, 327.864

Trichromacy



Original Color

90, 5.526, 8.898

Protanomaly

90, 3.409, 1.760

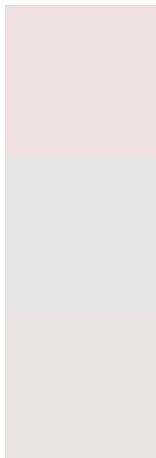
Deuteranomaly

90, 9.248, 0.404

Tritanomaly

90, 8.373, 336.972

Monochromacy



Original Color

90, 5.526, 8.898

Achromatopsia

91, 0.011, 296.813

Achromatomaly

90, 2.220, 5.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.526, 8.898 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(238, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 225)  
}
```

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(238, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.526, 8.898 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(238, 223, 225) }
```

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

```
.border{ border-color:rgb(238, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.526, 8.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 225) }
```

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

```
.background{ background-color: rgb(238,  
223, 225) }
```

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