

Converting Colors

CIELCh(90, 10.358, 56.520)

Have a look what the booklet for
CIELCh(90, 10.358, 56.520) contains.

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Color

CIELCh(90, 10.281, 56.876)

Conversions

Conversions Part 1

Format	Color
Hex	F4DED2
RGB	244, 222, 210
RGB Percent	96%, 87%, 82%
CMY	0.0422, 0.1285, 0.1756
CMYK	0.00, 0.09, 0.14, 0.04
HSL	21°, 61%, 89%
HSV	21°, 14%, 96%
XYZ	75.2324, 76.3034, 71.8834
YIQ	227.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

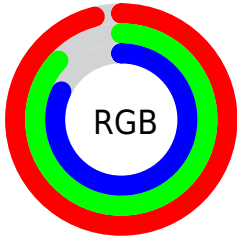
Format	Color
R _Y B	244, 229, 210
Decimal	16047826
CIE Lab	90.00, 5.62, 8.61
CIE LCh	90, 10.281, 56.876
Yxy	76.3034, 0.3367, 0.3415
Android (android.graphics.Color)	4294237906 (0xFFFF4DED2)
YUV	227.2100, -8.4845, 14.7248
Hunter-Lab	87.3518, 0.8688, 12.3554

Details

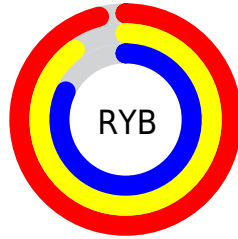
The CIELCh color **90, 10.281, 56.876** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **91, 9.603, 239.622**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 10.262, 55.571** is the 20% darker color. If you saturate the color by 10%, you get **86, 18.304, 56.096**, and if you desaturate by 10%, it is **94, 2.796, 57.606**.

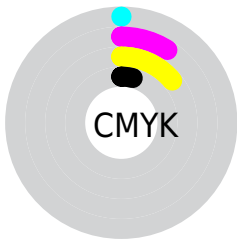
Distribution



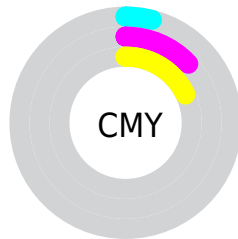
- Red (96%)
- Green (87%)
- Blue (82%)



- Red (96%)
- Yellow (90%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 10.281, 56.876 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, 10.281, 56.876 by changing the saturation by 10% instead.

 90, 10.281, 56.876

 90, 10.281, 56.876

 100, 10.281,
56.876

 80, 10.281, 56.876

 70, 10.281, 56.876

 60, 10.281, 56.876

 50, 10.281, 56.876

 40, 10.281, 56.876

 30, 10.281, 56.876

 20, 10.281, 56.876

 10, 10.281, 56.876

 0, 10.281, 56.876

90, 10.281, 56.876

90, 10.281, 56.876

86, 18.304, 56.096

94, 2.796, 57.606

81, 26.913, 55.342

99, 3.361, 209.569

77, 36.135, 54.654

99, 3.719, 199.348

73, 45.959, 54.044

69, 56.286, 53.494

66, 66.840, 52.933

62, 76.977, 52.165

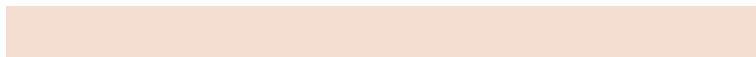
60, 85.433, 50.764

58, 89.449, 49.590

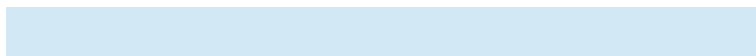
Harmonies

Complementary

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



90, 10.281, 56.876



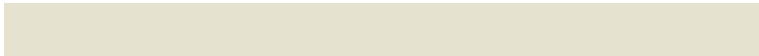
91, 9.603, 239.622

Rectangle

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



90, 10.281, 56.876



90, 10.281, 106.876



90, 10.281, 236.876



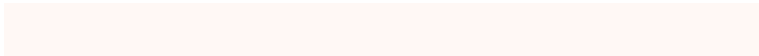
90, 10.281, 286.876

Sweetspot

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



90, 10.281, 56.892



98, 2.953, 57.603



88, 16.810, 337.379



52, 2.104, 57.569



0, 0.000, 0.000



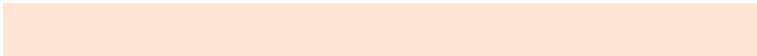
53, 0.007, 296.813

Same Dimension

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



90, 10.281, 56.892



92, 13.143, 56.642



94, 14.908, 101.706



49, 4.139, 57.243



45, 72.514, 50.211



12, 25.463, 47.186

Inverse Universe

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



91, 9.603, 239.622



93, 12.069, 239.992



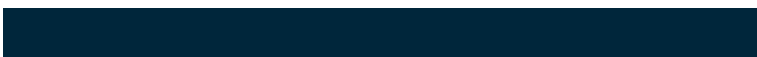
87, 15.220, 284.933



49, 3.959, 239.149



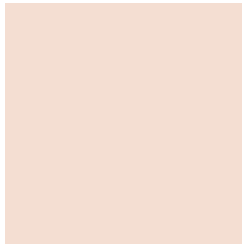
48, 42.433, 265.369



14, 17.368, 257.331

Previews

White Background



This preview shows how the CIELCh color 90, 10.281, 56.876 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 CIELCh color 90, 10.281, 56.876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

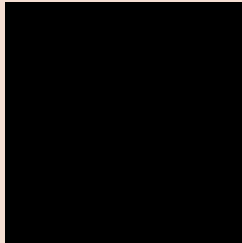
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

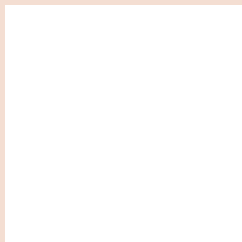
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 10.281, 56.876

Background



This preview shows how black text looks on a background with the CIELCh color 90, 10.281, 56.876.

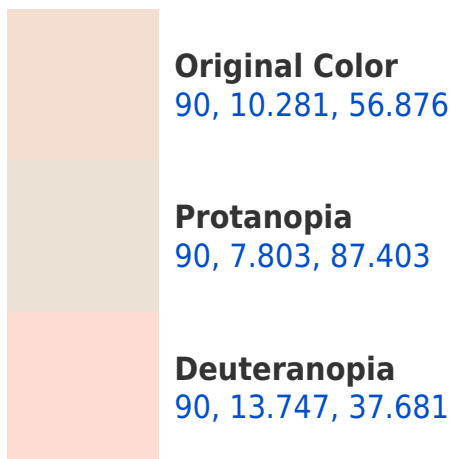


This preview shows how white text looks on a background with the CIELCh color 90, 10.281, 56.876.

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](#).

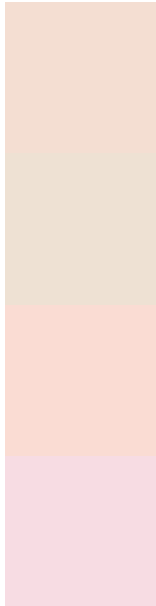
Dichromacy





Tritanopia
90, 14.256, 339.534

Trichromacy



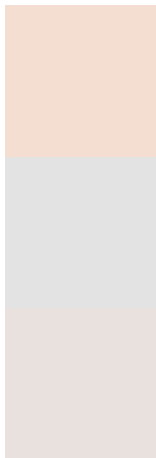
Original Color
90, 10.281, 56.876

Protanomaly
90, 8.681, 75.939

Deuteranomaly
90, 12.136, 42.565

Tritanomaly
90, 10.448, 359.854

Monochromacy



Original Color
90, 10.281, 56.876

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.544, 55.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 10.281, 56.876 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(244, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(244, 222, 210)  
}
```

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(244, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 222, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 10.281, 56.876 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(244, 222, 210) }
```

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

```
.border{ border-color:rgb(244, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(244, 222,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 10.281, 56.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 222, 210) }
```

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

```
.background{ background-color: rgb(244,  
222, 210) }
```

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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