

Converting Colors

CIELCh(89, 10.609, 49.238)

Have a look what the booklet for
CIELCh(89, 10.609, 49.238) contains.

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Color

CIELCh(89, 10.342, 49.910)

Conversions

Conversions Part 1

Format	Color
Hex	F3DBD1
RGB	243, 219, 209
RGB Percent	95%, 86%, 82%
CMY	0.0479, 0.1420, 0.1812
CMYK	0.00, 0.10, 0.14, 0.05
HSL	18°, 58%, 89%
HSV	18°, 14%, 95%
XYZ	73.6488, 74.1641, 70.6205
YIQ	225.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

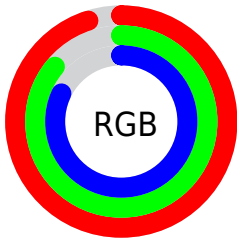
Format	Color
R _Y B	243, 223, 209
Decimal	15981521
CIE _{Lab}	89.00, 6.66, 7.91
CIE _{LCh}	89, 10.342, 49.910
Y _{xy}	74.1641, 0.3372, 0.3395
Android (android.graphics.Color)	4294171601 (0xFFFF3DBD1)
Y _{UV}	225.0360, -7.9057, 15.7544
Hunter-Lab	86.1186, 1.9460, 11.6630

Details

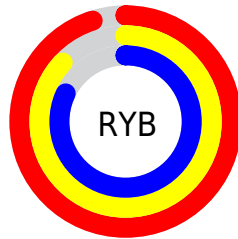
The CIELCh color **89, 10.342, 49.910** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 9.553, 231.995**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 10.370, 48.269** is the 20% darker color. If you saturate the color by 10%, you get **84, 18.432, 49.409**, and if you desaturate by 10%, it is **94, 2.843, 50.384**.

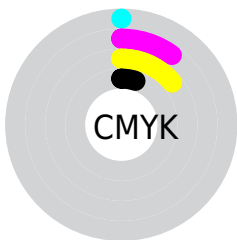
Distribution



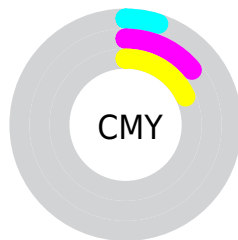
- Red (95%)
- Green (86%)
- Blue (82%)



- Red (95%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 10.342, 49.910 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 89, 10.342, 49.910 by changing the saturation by 10% instead.

 89, 10.342, 49.910

 89, 10.342, 49.910

 100, 10.342,
49.910

 79, 10.342, 49.910

 69, 10.342, 49.910

 59, 10.342, 49.910

 49, 10.342, 49.910

 39, 10.342, 49.910

 29, 10.342, 49.910

 19, 10.342, 49.910

 9, 10.342, 49.910

 0, 10.342, 49.910

89, 10.342, 49.910

89, 10.342, 49.910

84, 18.432, 49.409

94, 2.843, 50.384

80, 27.165, 48.968

99, 3.666, 214.970

75, 36.574, 48.635

99, 4.214, 199.295

71, 46.647, 48.429

67, 57.289, 48.345

63, 68.233, 48.319

60, 78.838, 48.152

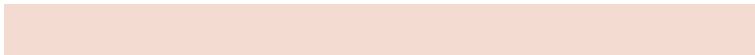
57, 87.770, 47.376

56, 91.961, 46.598

Harmonies

Complementary

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



89, 10.342, 49.910



91, 9.553, 231.995

Rectangle

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



89, 10.342, 49.910



89, 10.342, 99.910



89, 10.342, 229.910



89, 10.342, 279.910

Sweetspot

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



89, 10.341, 49.926



98, 2.958, 50.384



87, 17.634, 334.558



52, 2.108, 50.369



0, 0.000, 0.000



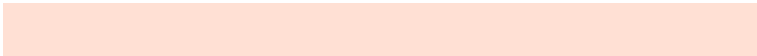
53, 0.007, 296.813

Same Dimension

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



89, 10.341, 49.926



91, 13.220, 49.763



93, 13.931, 97.740



49, 4.153, 50.164



43, 74.879, 47.136



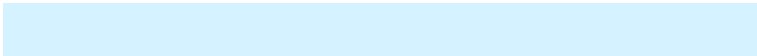
11, 26.156, 42.315

Inverse Universe

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



91, 9.553, 231.995



94, 11.982, 232.276



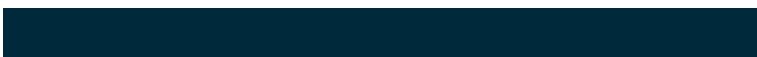
87, 14.125, 281.168



49, 3.943, 231.629



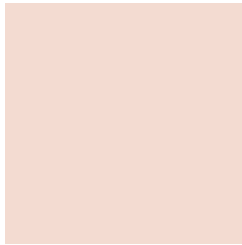
52, 38.319, 255.065



15, 16.158, 247.377

Previews

White Background



This preview shows how the CIELCh color 89, 10.342, 49.910 looks on a white background.

Color Contrast Check

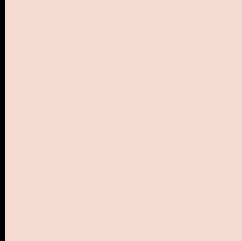
Large Text (above 18pt) WCAG AA × Fail

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 89, 10.342, 49.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

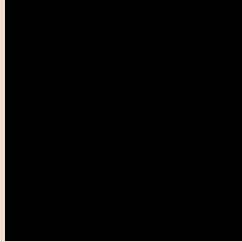
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

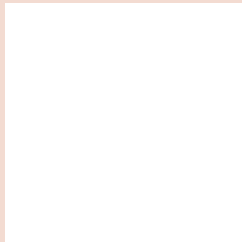
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 10.342, 49.910

Background



This preview shows how black text looks on a background with the CIELCh color 89, 10.342, 49.910.

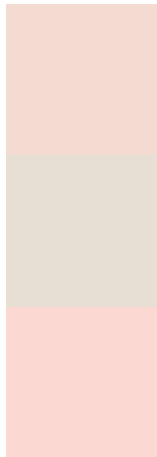


This preview shows how white text looks on a background with the CIELCh color 89, 10.342, 49.910.

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



Original Color

89, 10.342, 49.910

Protanopia

89, 6.868, 84.275

Deuteranopia

89, 13.616, 35.652



Tritanopia
89, 14.245, 342.129

Trichromacy



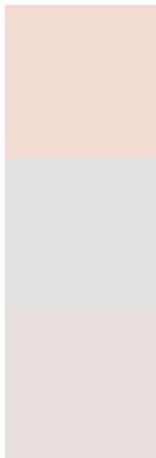
Original Color
89, 10.342, 49.910

Protanomaly
89, 7.693, 67.400

Deuteranomaly
89, 12.321, 39.732

Tritanomaly
89, 11.345, 358.764

Monochromacy



Original Color
89, 10.342, 49.910

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 3.551, 55.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 10.342, 49.910 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(243, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 219, 209)  
}
```

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(243, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 219, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 10.342, 49.910 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(243, 219, 209) }
```

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

```
.border{ border-color:rgb(243, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 219, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 219, 209); box-shadow:4px 4px 4px 4px rgb(243, 219, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 10.342, 49.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 219, 209) }
```

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

```
.background{ background-color: rgb(243,  
219, 209) }
```

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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