

Converting Colors

CIELCh(89, 12.170, 329.544)

Have a look what the booklet for
CIELCh(89, 12.170, 329.544)
contains.

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Color

CIELCh(89, 12.264, 330.440)

Conversions

Conversions Part 1

Format	Color
Hex	EFD9EB
RGB	239, 217, 235
RGB Percent	94%, 85%, 92%
CMY	0.0617, 0.1480, 0.0774
CMYK	0.00, 0.09, 0.02, 0.06
HSL	311°, 41%, 90%
HSV	311°, 9%, 94%
XYZ	75.5937, 74.1641, 89.1221
YIQ	225.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

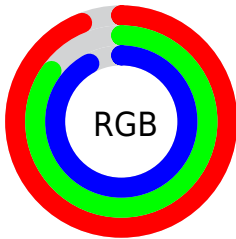
Format	Color
R_{YB}	239, 217, 235
Decimal	15718891
CIE _{Lab}	89.00, 10.67, -6.05
CIE _{LCh}	89, 12.264, 330.440
Yxy	74.1641, 0.3165, 0.3105
Android (android.graphics.Color)	4293908971 (0xFFEFD9EB)
YUV	225.6300, 4.6194, 11.7255
Hunter-Lab	86.1186, 5.9773, -1.0748

Details

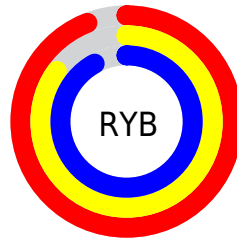
The CIELCh color `89, 12.264, 330.440` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 12.226, 149.338`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 12.248, 330.877` is the 20% darker color. If you saturate the color by 10%, you get `83, 25.721, 331.092`, and if you desaturate by 10%, it is `95, 1.053, 150.187`.

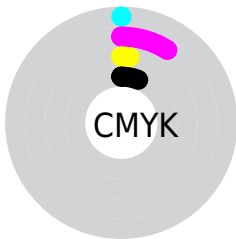
Distribution



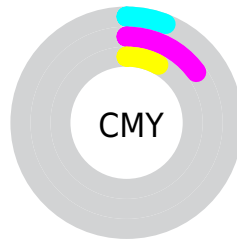
- Red (94%)
- Green (85%)
- Blue (92%)



- Red (94%)
- Yellow (85%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (15%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 12.264, 330.440 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, 12.264, 330.440 by changing the saturation by 10% instead.


 89, 12.264,
330.440

 89, 12.264,
330.440


 100, 12.264,
330.440

 79, 12.264,
330.440

 69, 12.264,
330.440

 59, 12.264,
330.440

 49, 12.264,
330.440

 39, 12.264,
330.440

 29, 12.264,
330.440

 19, 12.264,

330.440

■ 9, 12.264, 330.440

■ 0, 12.264, 330.440

■ 89, 12.264,
330.440

■ 89, 12.264,
330.440

■ 83, 25.721,
331.092

■ 95, 1.053, 150.187

■ 78, 39.121,
331.752

■ 99, 7.920, 153.855

■ 99, 6.487, 167.445

■ 72, 52.153,
332.427

■ 99, 5.582, 186.849

■ 67, 64.390,
333.117

■ 99, 5.414, 199.185

■ 63, 75.290,

333.826

■ 60, 84.245,
334.563

■ 57, 90.699,
335.347

■ 55, 94.320,
336.205

■ 54, 95.337,
337.168

Harmonies

Complementary

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



89, 12.264, 330.440



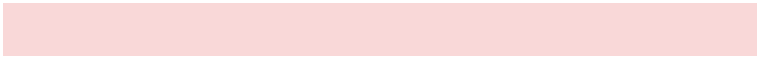
93, 12.226, 149.338

Rectangle

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



89, 12.264, 330.440



89, 12.264, 20.440



89, 12.264, 150.440



89, 12.264, 200.440

Sweetspot

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



89, 12.261, 330.441



98, 4.197, 330.001



88, 11.605, 297.407



52, 3.182, 330.068



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, 12.261, 330.441



93, 15.463, 330.561



89, 8.848, 354.503



47, 7.589, 330.460



42, 78.383, 337.068



9, 34.881, 335.625

Inverse Universe

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



89, 12.261, 330.441



93, 15.463, 330.561



93, 8.640, 172.905



47, 7.589, 330.460



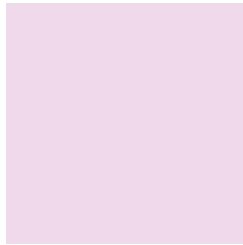
42, 78.383, 337.068



9, 34.881, 335.625

Previews

White Background



This preview shows how the CIELCh color 89, 12.264, 330.440 looks on a white background.

Color Contrast Check

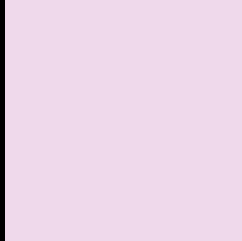
Large Text (above 18pt) WCAG AA × Fail

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, 12.264, 330.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

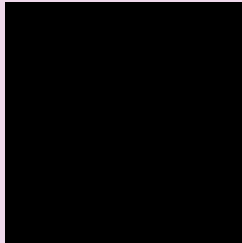
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

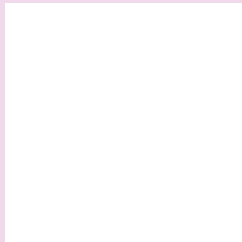
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 12.264, 330.440

Background



This preview shows how black text looks on a background with the CIELCh color 89, 12.264, 330.440.



This preview shows how white text looks on a background with the CIELCh color 89, 12.264, 330.440.

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, 12.264, 330.440

Protanopia

89, 8.358, 293.252

Deuteranopia

89, 12.495, 331.724



Tritanopia
89, 11.874, 332.059

Trichromacy



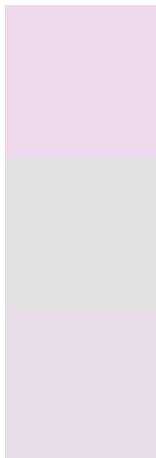
Original Color
89, 12.264, 330.440

Protanomaly
89, 9.457, 310.386

Deuteranomaly
89, 12.495, 331.724

Tritanomaly
89, 11.874, 332.059

Monochromacy



Original Color
89, 12.264, 330.440

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 4.259, 332.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 12.264, 330.440 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(239, 217, 235)` looks like.

```
.text, #text, p{  
    color:rgb(239, 217, 235)  
}
```

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(239, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 217, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 12.264, 330.440 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(239, 217, 235) }
```

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

```
.border{ border-color:rgb(239, 217, 235) }
```

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

Here you see how a box with a 4 pixel rgb(239, 217, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(239, 217,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 12.264, 330.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 217, 235) }
```

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

```
.background{ background-color: rgb(239,  
217, 235) }
```

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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