

Converting Colors

CIELCh(90, 8.655, 326.802)

Have a look what the booklet for
CIELCh(90, 8.655, 326.802) contains.

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Color

CIELCh(90, 9.061, 326.610)

Conversions

Conversions Part 1

Format	Color
Hex	EDDEEC
RGB	237, 222, 236
RGB Percent	93%, 87%, 93%
CMY	0.0706, 0.1294, 0.0745
CMYK	0.00, 0.06, 0.00, 0.07
HSL	304°, 29%, 90%
HSV	304°, 6%, 93%
XYZ	76.1867, 76.3034, 90.0693
YIQ	228.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

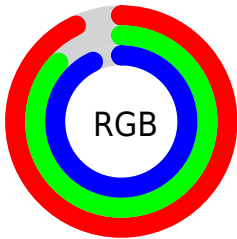
Format	Color
R _Y B	237, 222, 236
Decimal	15589100
CIE Lab	90.00, 7.57, -4.99
CIE LCh	90, 9.061, 326.610
Yxy	76.3034, 0.3141, 0.3146
Android (android.graphics.Color)	4293779180 (0xFFEDDEEC)
YUV	228.0810, 3.9041, 7.8220
Hunter-Lab	87.3518, 2.8188, 0.0118

Details

The CIELCh color `90, 9.061, 326.610` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `92, 9.037, 145.946`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 8.873, 326.827` is the 20% darker color. If you saturate the color by 10%, you get `84, 23.496, 327.204`, and if you desaturate by 10%, it is `96, 5.195, 146.142`.

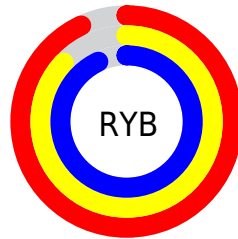
Distribution



Red (93%)

Green (87%)

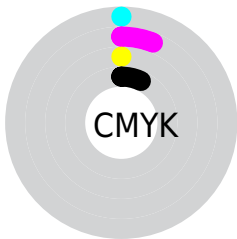
Blue (93%)



Red (93%)

Yellow (87%)

Blue (93%)

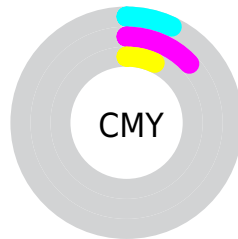


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 9.061, 326.610 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, 9.061, 326.610 by changing the saturation by 10% instead.

 90, 9.061, 326.610

 90, 9.061, 326.610

 100, 9.061,
326.610

 80, 9.061, 326.610

 70, 9.061, 326.610

 60, 9.061, 326.610

 50, 9.061, 326.610

 40, 9.061, 326.610

 30, 9.061, 326.610

 20, 9.061, 326.610

 10, 9.061, 326.610

 0, 9.061, 326.610

90, 9.061, 326.610

90, 9.061, 326.610

84, 23.496,
327.204

96, 5.195, 146.142

79, 37.917,
327.783

98, 10.312,
147.490

73, 52.026,
328.351

98, 9.683, 150.385

69, 65.412,
328.897

98, 9.081, 153.666

64, 77.552,
329.409

98, 8.512, 157.391

61, 87.855,
329.879

98, 7.982, 161.623

58, 95.760,
330.299

99, 7.500, 166.419

56, 100.891,
330.672

99, 7.076, 171.825

99, 6.721, 177.853

■ 56,103.237,
331.007

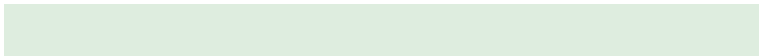
Harmonies

Complementary

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



90, 9.061, 326.610



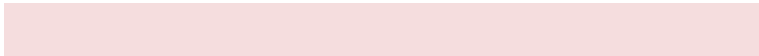
92, 9.037, 145.946

Rectangle

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



90, 9.061, 326.610



90, 9.061, 16.610



90, 9.061, 146.610



90, 9.061, 196.610

Sweetspot

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



90, 9.058, 326.610



99, 3.034, 326.292



89, 7.835, 293.373



53, 1.725, 326.281



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, 9.058, 326.610



95, 12.166, 326.715



90, 6.381, 347.886



46, 8.081, 326.801



42, 84.816, 331.073



9, 36.599, 330.631

Inverse Universe

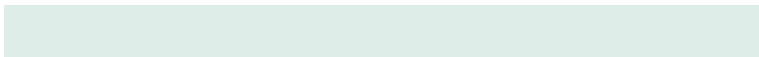
The Inverse Universe completely reimagines the original color for something new.



90, 9.058, 326.610



95, 12.166, 326.715



93, 6.302, 166.934



46, 8.081, 326.801



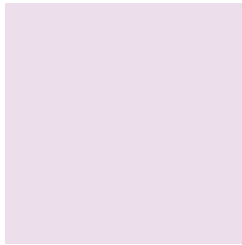
42, 84.816, 331.073



9, 36.599, 330.631

Previews

White Background



This preview shows how the CIELCh color 90, 9.061, 326.610 looks on a white background.

Color Contrast Check

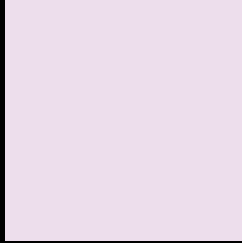
Large Text (above 18pt) WCAG AA × Fail

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, 9.061, 326.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

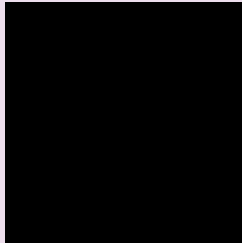
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

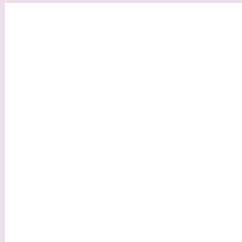
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 9.061, 326.610

Background



This preview shows how black text looks on a background with the CIELCh color 90, 9.061, 326.610.

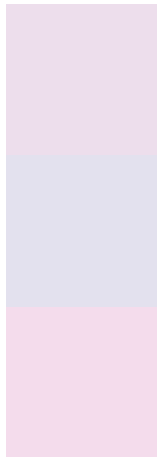


This preview shows how white text looks on a background with the CIELCh color 90, 9.061, 326.610.

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

90, 9.061, 326.610

Protanopia

90, 6.811, 296.623

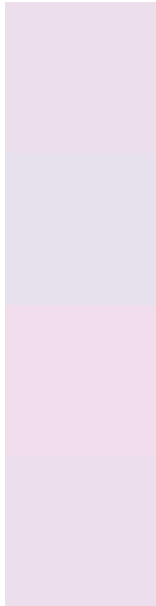
Deuteranopia

90, 11.968, 336.332



Tritanopia
90, 10.354, 321.529

Trichromacy



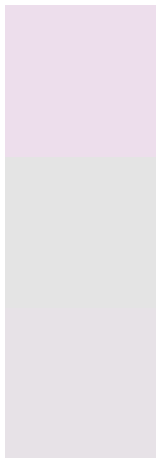
Original Color
90, 9.061, 326.610

Protanomaly
90, 7.231, 310.615

Deuteranomaly
90, 10.597, 332.846

Tritanomaly
90, 9.915, 323.072

Monochromacy



Original Color
90, 9.061, 326.610

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.172, 324.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 9.061, 326.610 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(237, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 236)  
}
```

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(237, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 9.061, 326.610 is called "border". The border property can be set on classes, ids or directly on the HTML element.

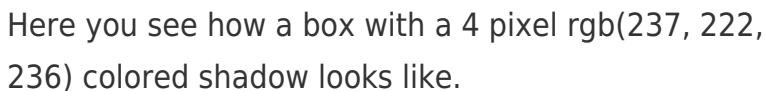
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 222, 236) }
```

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

```
.border{ border-color:rgb(237, 222, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 222, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 222, 236); box-shadow:4px 4px 4px 4px rgb(237, 222, 236) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 9.061, 326.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 236) }
```

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

```
.background{ background-color: rgb(237,  
222, 236) }
```

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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