

Converting Colors

CIELCh(90, 10.003, 331.783)

Have a look what the booklet for
CIELCh(90, 10.003, 331.783)
contains.

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Color

CIELCh(90, 10.361, 331.363)

Conversions

Conversions Part 1

Format	Color
Hex	F0DDEC
RGB	240, 221, 236
RGB Percent	94%, 87%, 93%
CMY	0.0588, 0.1333, 0.0745
CMYK	0.00, 0.08, 0.02, 0.06
HSL	313°, 39%, 90%
HSV	313°, 8%, 94%
XYZ	76.9411, 76.3034, 90.0391
YIQ	228.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

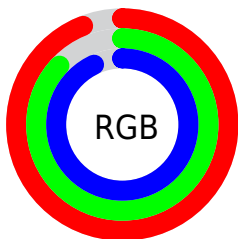
Format	Color
R _Y B	240, 221, 236
Decimal	15785452
CIE Lab	90.00, 9.09, -4.97
CIE LCh	90, 10.361, 331.363
Yxy	76.3034, 0.3163, 0.3136
Android (android.graphics.Color)	4293975532 (0xFFF0DDEC)
YUV	228.3910, 3.7512, 10.1811
Hunter-Lab	87.3518, 4.3606, 0.0323

Details

The CIELCh color `90, 10.361, 331.363` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `93, 10.324, 150.418`, 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, 10.243, 331.902` is the 20% darker color. If you saturate the color by 10%, you get `84, 23.577, 332.036`, and if you desaturate by 10%, it is `96, 2.691, 150.908`.

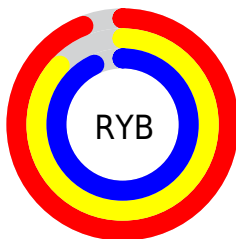
Distribution



Red (94%)

Green (87%)

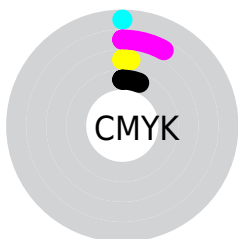
Blue (93%)



Red (94%)

Yellow (87%)

Blue (93%)

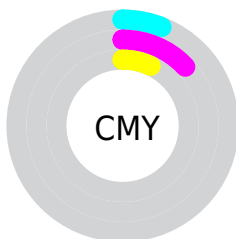


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (6%)



Cyan (6%)


Magenta (13%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 10.361, 331.363 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, 10.361, 331.363 by changing the saturation by 10% instead.


 90, 10.361,
331.363


 90, 10.361,
331.363


 100, 10.361,
331.363


 80, 10.361,
331.363


 70, 10.361,
331.363

 60, 10.361,
331.363

 50, 10.361,
331.363

 40, 10.361,
331.363

 30, 10.361,
331.363

 20, 10.361,

331.363

■ 10, 10.361,
331.363

■ 0, 10.361, 331.363

■ 90, 10.361,
331.363

■ 90, 10.361,
331.363

■ 84, 23.577,
332.036

■ 96, 2.691, 150.908

■ 78, 36.776,
332.719

■ 99, 6.958, 158.603

■ 99, 5.571, 178.710

■ 73, 49.666,
333.426

■ 99, 5.158, 199.207

■ 68, 61.840,
334.159

■ 64, 72.771,
334.926

■ 60, 81.854,
335.741

■ 57, 88.510,
336.629

■ 55, 92.361,
337.626

■ 54, 93.481,
338.773

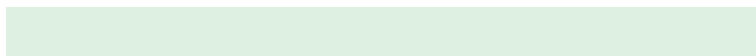
Harmonies

Complementary

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



90, 10.361, 331.363



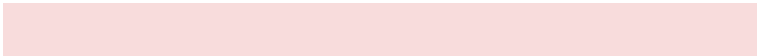
93, 10.324, 150.418

Rectangle

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



90, 10.361, 331.363



90, 10.361, 21.363



90, 10.361, 151.363



90, 10.361, 201.363

Sweetspot

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



90, 10.358, 331.365



99, 2.742, 330.890



89, 10.020, 298.554



53, 1.559, 330.877



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, 10.358, 331.365



94, 12.381, 331.440



90, 7.485, 356.638



47, 7.436, 331.470



42, 76.726, 338.802



9, 34.231, 337.036

Inverse Universe

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



90, 10.358, 331.365



94, 12.381, 331.440



93, 7.312, 175.304



47, 7.436, 331.470



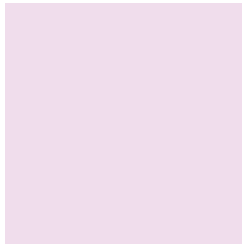
42, 76.726, 338.802



9, 34.231, 337.036

Previews

White Background



This preview shows how the CIELCh color 90, 10.361, 331.363 looks on a white background.

Color Contrast Check

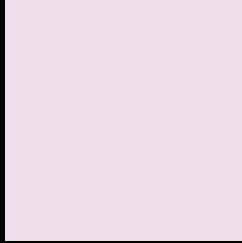
Large Text (above 18pt) WCAG AA × Fail

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, 10.361, 331.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

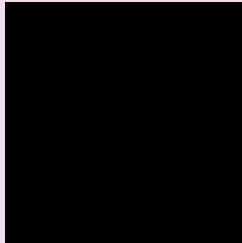
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 10.361, 331.363

Background



This preview shows how black text looks on a background with the CIELCh color 90, 10.361, 331.363.

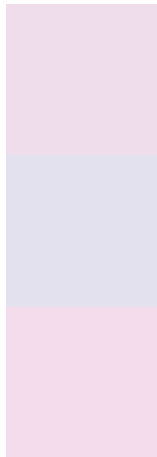


This preview shows how white text looks on a background with the CIELCh color 90, 10.361, 331.363.

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, 10.361, 331.363

Protanopia
90, 6.811, 296.623

Deuteranopia
90, 11.968, 336.332



Tritanopia
90, 11.159, 327.864

Trichromacy



Original Color
90, 10.361, 331.363

Protanomaly
90, 7.361, 313.198

Deuteranomaly
90, 11.715, 335.083

Tritanomaly
90, 10.755, 329.547

Monochromacy



Original Color
90, 10.361, 331.363

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.019, 328.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 10.361, 331.363 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(240, 221, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 221, 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(240, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 221, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 10.361, 331.363 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(240, 221, 236) }
```

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

```
.border{ border-color:rgb(240, 221, 236) }
```

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

Here you see how a box with a 4 pixel rgb(240, 221, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 221, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 221, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 221,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 10.361, 331.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 221, 236) }
```

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

```
.background{ background-color: rgb(240,  
221, 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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