

Converting Colors

CIELCh(90, 13.530, 325.579)

Have a look what the booklet for
CIELCh(90, 13.530, 325.579)
contains.

CIELCh(90, 13.455, 326.169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(90, 13.455, 326.169)

Conversions

Conversions Part 1

Format	Color
Hex	F2DCF1
RGB	242, 220, 241
RGB Percent	95%, 86%, 95%
CMY	0.0516, 0.1378, 0.0555
CMYK	0.00, 0.09, 0.00, 0.05
HSL	303°, 46%, 91%
HSV	303°, 9%, 95%
XYZ	77.9777, 76.3034, 93.7220
YIQ	228.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

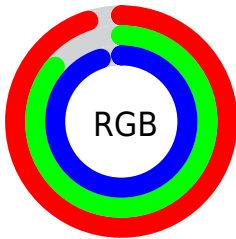
Format	Color
R _Y B	242, 220, 241
Decimal	15916273
CIE Lab	90.00, 11.18, -7.49
CIE LCh	90, 13.455, 326.169
Yxy	76.3034, 0.3144, 0.3077
Android (android.graphics.Color)	4294106353 (0xFFFF2DCF1)
YUV	228.9720, 5.9298, 11.4256
Hunter-Lab	87.3518, 6.4787, -2.4675

Details

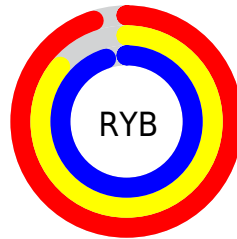
The CIELCh color **90, 13.455, 326.169** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 13.429, 145.158**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 13.488, 326.348** is the 20% darker color. If you saturate the color by 10%, you get **84, 28.362, 326.748**, and if you desaturate by 10%, it is **96, 1.318, 145.867**.

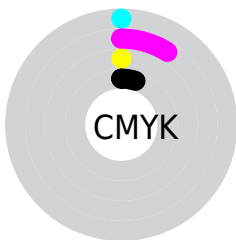
Distribution



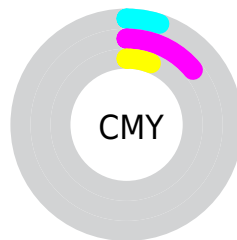
- Red (95%)
- Green (86%)
- Blue (95%)



- Red (95%)
- Yellow (86%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 13.455, 326.169 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, 13.455, 326.169 by changing the saturation by 10% instead.


 90, 13.455,
326.169


 90, 13.455,
326.169


 100, 13.455,
326.169


 80, 13.455,
326.169


 70, 13.455,
326.169

 60, 13.455,
326.169

 50, 13.455,
326.169

 40, 13.455,
326.169

 30, 13.455,
326.169

 20, 13.455,

326.169

■ 10, 13.455,
326.169

■ 0, 13.455, 326.169

■ 90, 13.455,
326.169

■ 90, 13.455,
326.169

■ 84, 28.362,
326.748

■ 96, 1.318, 145.867

■ 79, 43.177,
327.313

■ 99, 7.672, 146.745

■ 99, 7.230, 149.395

■ 74, 57.560,
327.860

■ 99, 6.805, 152.376

■ 69, 71.054,
328.375

■ 99, 6.400, 155.741

■ 99, 6.020, 159.539

■ 65, 83.100,
328.846

■ 99, 5.668, 163.824

■ 61, 93.091,
329.261

■ 99, 5.352, 168.641

■ 59, 100.499,
329.612

■ 99, 5.077, 174.015

■ 57, 105.035,
329.901

■ 57, 106.953,
330.139

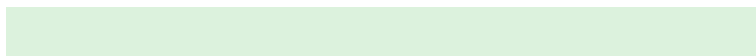
Harmonies

Complementary

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



90, 13.455, 326.169



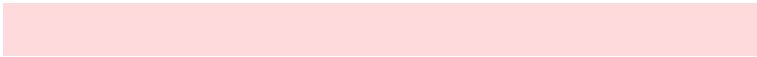
93, 13.429, 145.158

Rectangle

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



90, 13.455, 326.169



90, 13.455, 16.169



90, 13.455, 146.169



90, 13.455, 196.169

Sweetspot

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



90, 13.452, 326.169



98, 4.617, 325.780



88, 11.495, 292.382



52, 3.501, 325.840



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

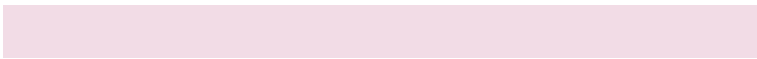
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 13.452, 326.169



93, 17.004, 326.283



90, 9.562, 346.225



47, 8.346, 326.192



43, 87.137, 330.125



10, 38.228, 329.851

Inverse Universe

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



90, 13.452, 326.169



93, 17.004, 326.283



94, 9.427, 164.753



47, 8.346, 326.192



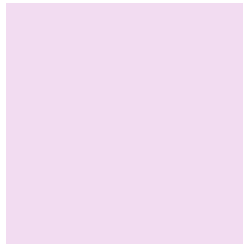
43, 87.137, 330.125



10, 38.228, 329.851

Previews

White Background



This preview shows how the CIELCh color 90, 13.455, 326.169 looks on a white background.

Color Contrast Check

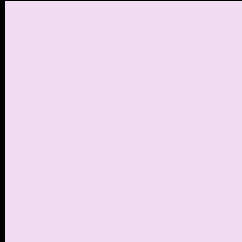
Large Text (above 18pt) WCAG AA × Fail

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, 13.455, 326.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

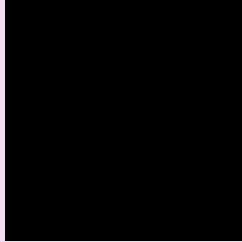
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

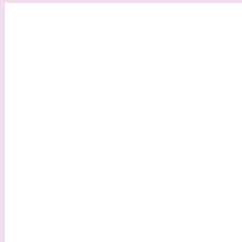
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 13.455, 326.169

Background



This preview shows how black text looks on a background with the CIELCh color 90, 13.455, 326.169.



This preview shows how white text looks on a background with the CIELCh color 90, 13.455, 326.169.

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, 13.455, 326.169

Protanopia
90, 9.883, 290.982

Deuteranopia
90, 13.455, 326.169



Tritanopia
90, 12.010, 329.104

Trichromacy



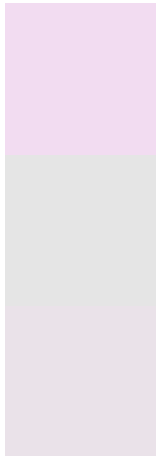
Original Color
90, 13.455, 326.169

Protanomaly
90, 10.815, 305.909

Deuteranomaly
90, 13.455, 326.169

Tritanomaly
90, 12.416, 327.606

Monochromacy



Original Color
90, 13.455, 326.169

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.645, 328.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 13.455, 326.169 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(242, 220, 241)` looks like.

```
.text, #text, p{  
    color:rgb(242, 220, 241)  
}
```

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(242, 220, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 13.455, 326.169 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(242, 220, 241) }
```

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

```
.border{ border-color:rgb(242, 220, 241) }
```

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

Here you see how a box with a 4 pixel rgb(242, 220, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 220, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 220, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 220,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 13.455, 326.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 220, 241) }
```

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

```
.background{ background-color: rgb(242,  
220, 241) }
```

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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