

Converting Colors

CIELCh(90, 25.428, 115.871)

Have a look what the booklet for
CIELCh(90, 25.428, 115.871)
contains.

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Color

CIELCh(90, 25.448, 115.865)

Conversions

Conversions Part 1

Format	Color
Hex	DEE7B6
RGB	222, 231, 182
RGB Percent	87%, 91%, 71%
CMY	0.1281, 0.0928, 0.2851
CMYK	0.04, 0.00, 0.21, 0.09
HSL	71°, 51%, 81%
HSV	71°, 21%, 91%
XYZ	67.3649, 76.3034, 55.6018
YIQ	222.7230, 10.3650, -17.1470

Conversions

Conversions Part 2

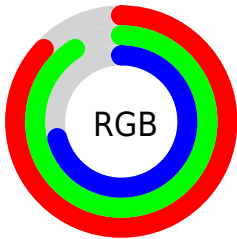
Format	Color
R _Y B	182, 231, 191
Decimal	14608310
CIE Lab	90.00, -11.10, 22.90
CIE LCh	90, 25.448, 115.865
Yxy	76.3034, 0.3381, 0.3829
Android (android.graphics.Color)	4292798390 (0xFFDEE7B6)
YUV	222.7230, -20.0764, -0.6341
Hunter-Lab	87.3518, -15.2082, 23.4066

Details

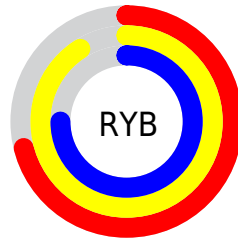
The CIELCh color **90, 25.448, 115.865** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 26.660, 299.078**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **70, 25.080, 115.127** is the 20% darker color. If you saturate the color by 10%, you get **89, 37.250, 115.158**, and if you desaturate by 10%, it is **91, 13.476, 116.583**.

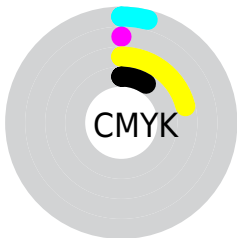
Distribution



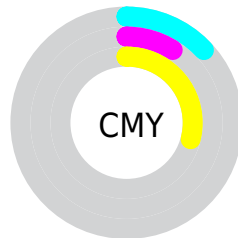
- Red (87%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)





- Cyan (13%)
- Magenta (9%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 25.448, 115.865 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, 25.448, 115.865 by changing the saturation by 10% instead.


 90, 25.448,
115.865


 90, 25.448,
115.865


 100, 25.448,
115.865


 80, 25.448,
115.865

 70, 25.448,
115.865

 60, 25.448,
115.865

 50, 25.448,
115.865

 40, 25.448,
115.865

 30, 25.448,
115.865

 20, 25.448,

115.865

■ 10, 25.448,
115.865

■ 0, 25.448, 115.865

■ 90, 25.448,
115.865

■ 90, 25.448,
115.865

■ 89, 37.250,
115.158

■ 91, 13.476,
116.583

■ 89, 48.732,
114.476

■ 92, 1.424, 117.288

■ 88, 59.679,
113.859

■ 93, 10.642,
297.960

■ 88, 69.765,
113.361

■ 93, 12.581,
303.729

■ 93, 12.991,

■ 87, 78.532,
113.054

310.071

■ 87, 85.419,
113.028

■ 94, 13.549,
316.009

■ 86, 89.938,
113.365

■ 94, 14.241,
321.468

■ 86, 92.099,
113.952

■ 94, 14.786,
324.934

Harmonies

Complementary

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



90, 25.448, 115.865



76, 26.660, 299.078

Rectangle

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



90, 25.448, 115.865



90, 25.448, 165.865



90, 25.448, 295.865



90, 25.448, 345.865

Sweetspot

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



90, 25.450, 115.869



99, 7.822, 116.947



81, 16.259, 37.425



53, 5.189, 116.901



0, 0.000, 0.000



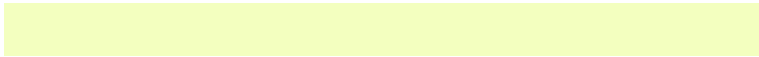
53, 0.007, 296.813

Same Dimension

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



90, 25.450, 115.869



98, 32.436, 115.587



88, 28.329, 134.242



48, 6.798, 116.706



68, 75.807, 113.779



19, 29.748, 113.664

Inverse Universe

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



76, 26.660, 299.078



80, 34.304, 299.458



78, 28.817, 316.104



44, 6.942, 298.063



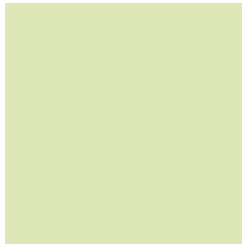
22, 101.025, 307.142



3, 34.071, 301.145

Previews

White Background



This preview shows how the CIELCh color 90, 25.448, 115.865 looks on a white background.

Color Contrast Check

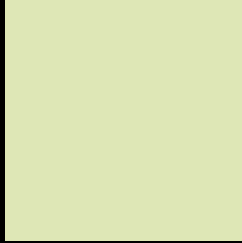
Large Text (above 18pt) WCAG AA × Fail

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, 25.448, 115.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

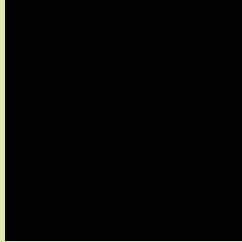
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

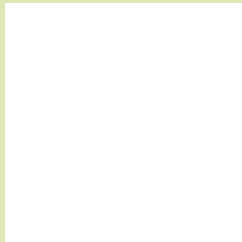
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 25.448, 115.865

Background



This preview shows how black text looks on a background with the CIELCh color 90, 25.448, 115.865.

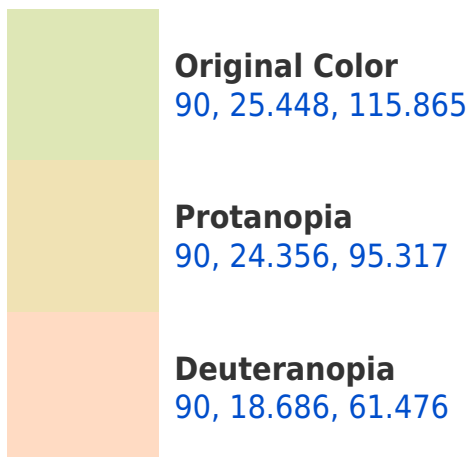


This preview shows how white text looks on a background with the CIELCh color 90, 25.448, 115.865.

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](#).

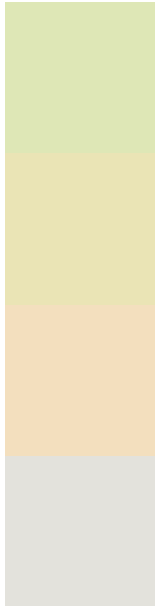
Dichromacy





Tritanopia
90, 9.719, 305.469

Trichromacy



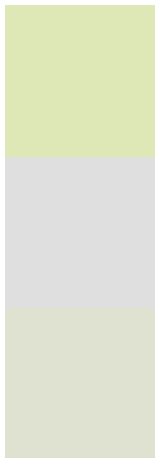
Original Color
90, 25.448, 115.865

Protanomaly
90, 24.319, 102.717

Deuteranomaly
90, 18.754, 84.599

Tritanomaly
90, 3.119, 103.256

Monochromacy



Original Color
90, 25.448, 115.865

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 9.400, 116.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 25.448, 115.865 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(222, 231, 182)` looks like.

```
.text, #text, p{  
    color:rgb(222, 231, 182)  
}
```

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(222, 231, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 231, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 25.448, 115.865 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(222, 231, 182) }
```

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

```
.border{ border-color:rgb(222, 231, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 231, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 231, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 231, 182);  
box-shadow:4px 4px 4px 4px rgb(222, 231,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 25.448, 115.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 231, 182) }
```

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

```
.background{ background-color: rgb(222,  
231, 182) }
```

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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