

Converting Colors

CIELCh(90, 17.701, 131.668)

Have a look what the booklet for
CIELCh(90, 17.701, 131.668)
contains.

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Color

CIElCh(90, 17.383, 131.266)

Conversions

Conversions Part 1

Format	Color
Hex	D6E8C9
RGB	214, 232, 201
RGB Percent	84%, 91%, 79%
CMY	0.1604, 0.0898, 0.2114
CMYK	0.08, 0.00, 0.13, 0.09
HSL	95°, 40%, 85%
HSV	95°, 13%, 91%
XYZ	67.2003, 76.3034, 66.5057
YIQ	223.0840, -0.7770, -13.4570

Conversions

Conversions Part 2

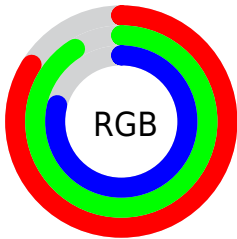
Format	Color
R _Y B	201, 232, 219
Decimal	14084297
CIE Lab	90.00, -11.47, 13.07
CIE LCh	90, 17.383, 131.266
Yxy	76.3034, 0.3200, 0.3633
Android (android.graphics.Color)	4292274377 (0xFFD6E8C9)
YUV	223.0840, -10.8874, -7.9667
Hunter-Lab	87.3518, -15.5444, 16.0055

Details

The CIELCh color **90, 17.383, 131.266** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 17.652, 312.403**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 17.158, 131.321** is the 20% darker color. If you saturate the color by 10%, you get **89, 30.422, 130.791**, and if you desaturate by 10%, it is **92, 4.351, 131.736**.

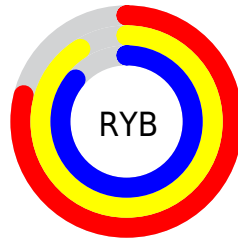
Distribution



Red (84%)

Green (91%)

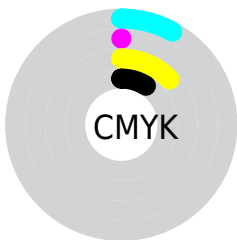
Blue (79%)



Red (79%)

Yellow (91%)

Blue (86%)

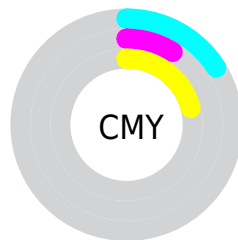


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (9%)



Cyan (16%)

Magenta (9%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 17.383, 131.266 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, 17.383, 131.266 by changing the saturation by 10% instead.

■ 90, 17.383,
131.266

■ 90, 17.383,
131.266

■ 100, 17.383,
131.266

■ 80, 17.383,
131.266

■ 70, 17.383,
131.266

■ 60, 17.383,
131.266

■ 50, 17.383,
131.266

■ 40, 17.383,
131.266

■ 30, 17.383,
131.266

■ 20, 17.383,

131.266

■ 10, 17.383,
131.266

■ 0, 17.383, 131.266

■ 90, 17.383,
131.266

■ 90, 17.383,
131.266

■ 89, 30.422,
130.791

■ 92, 4.351, 131.736

■ 87, 43.336,
130.297

■ 93, 8.594, 312.080

■ 86, 55.949,
129.809

■ 94, 14.207,
324.367

■ 85, 68.008,
129.372

■ 94, 14.297,
324.917

■ 84, 79.151,
129.058

■ 84, 88.893,
128.974

■ 83, 96.666,
129.250

■ 82, 102.021,
129.996

■ 82, 104.424,
130.688

Harmonies

Complementary

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



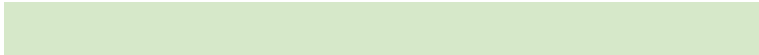
90, 17.383, 131.266



83, 17.652, 312.403

Rectangle

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



90, 17.383, 131.266



90, 17.383, 181.266



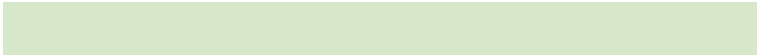
90, 17.383, 311.266



90, 17.383, 1.266

Sweetspot

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



90, 17.385, 131.268



99, 5.596, 131.702



88, 10.425, 80.539



53, 3.979, 131.665



0, 0.000, 0.000



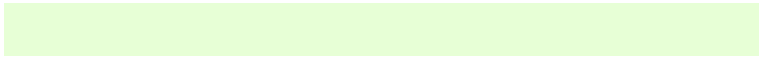
53, 0.007, 296.813

Same Dimension

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



90, 17.385, 131.268



97, 22.485, 131.141



89, 18.850, 145.465



48, 7.449, 131.447



65, 86.467, 130.440



19, 34.556, 129.856

Inverse Universe

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



83, 17.652, 312.403



89, 22.895, 312.528



84, 18.878, 327.029



46, 7.535, 312.226



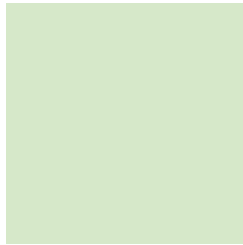
30, 94.823, 313.904



5, 38.066, 314.338

Previews

White Background



This preview shows how the CIELCh color 90, 17.383, 131.266 looks on a white background.

Color Contrast Check

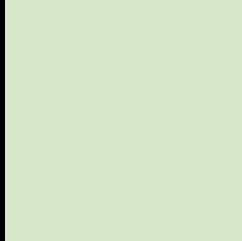
Large Text (above 18pt) WCAG AA × Fail

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 90, 17.383, 131.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

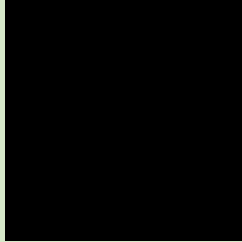
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

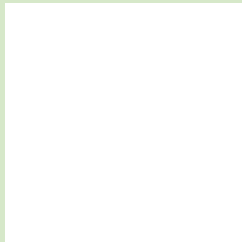
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 17.383, 131.266

Background



This preview shows how black text looks on a background with the CIELCh color 90, 17.383, 131.266.

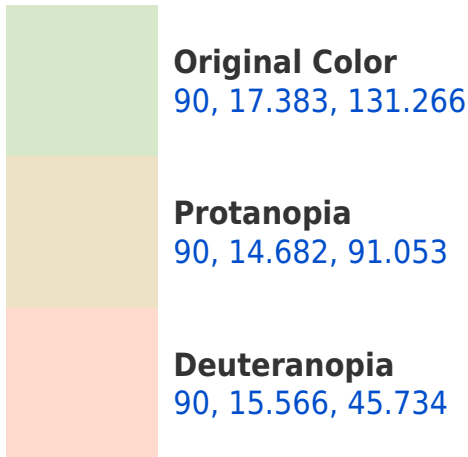


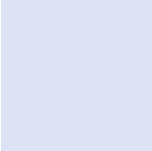
This preview shows how white text looks on a background with the CIELCh color 90, 17.383, 131.266.

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](#).

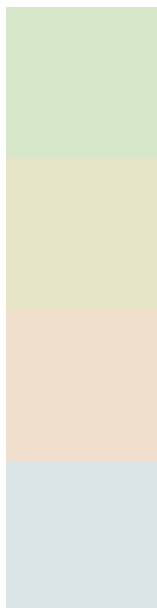
Dichromacy





Tritanopia
90, 9.483, 280.509

Trichromacy



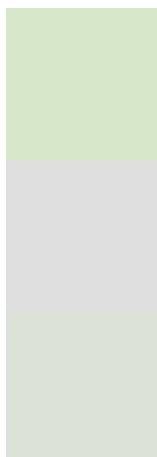
Original Color
90, 17.383, 131.266

Protanomaly
90, 14.984, 107.514

Deuteranomaly
90, 11.724, 76.444

Tritanomaly
90, 3.528, 199.334

Monochromacy



Original Color
90, 17.383, 131.266

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 6.125, 130.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 17.383, 131.266 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(214, 232, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 232, 201)  
}
```

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(214, 232, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 232, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 17.383, 131.266 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(214, 232, 201) }
```

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

```
.border{ border-color:rgb(214, 232, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 232, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 232, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 232, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 232,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 17.383, 131.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 232, 201) }
```

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

```
.background{ background-color: rgb(214,  
232, 201) }
```

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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