

Converting Colors

CIELCh(92, 19.584, 127.395)

Have a look what the booklet for
CIELCh(92, 19.584, 127.395)
contains.

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Color

CIELCh(92, 19.568, 127.398)

Conversions

Conversions Part 1

Format	Color
Hex	DDEECA
RGB	221, 238, 202
RGB Percent	87%, 93%, 79%
CMY	0.1337, 0.0671, 0.2082
CMYK	0.07, 0.00, 0.15, 0.07
HSL	88°, 51%, 86%
HSV	88°, 15%, 93%
XYZ	70.9809, 80.7044, 67.6512
YIQ	228.8130, 1.4240, -14.8000

Conversions

Conversions Part 2

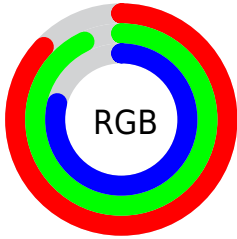
Format	Color
R_{YB}	202, 238, 219
Decimal	14544586
CIE _{Lab}	92.00, -11.88, 15.55
CIE _{LCh}	92, 19.568, 127.398
Y _{xy}	80.7044, 0.3236, 0.3679
Android (android.graphics.Color)	4292734666 (0xFFDDEECA)
YUV	228.8130, -13.2188, -6.8520
Hunter-Lab	89.8356, -16.1761, 18.2363

Details

The CIELCh color **92, 19.568, 127.398** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 20.007, 308.811**, 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 **72, 19.426, 127.181** is the 20% darker color. If you saturate the color by 10%, you get **91, 32.470, 126.907**, and if you desaturate by 10%, it is **93, 6.623, 127.883**.

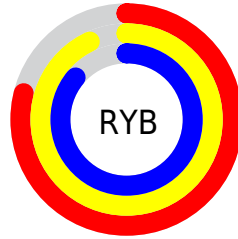
Distribution



Red (87%)

Green (93%)

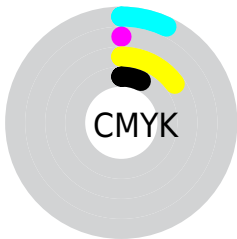
Blue (79%)



Red (79%)

Yellow (93%)

Blue (86%)

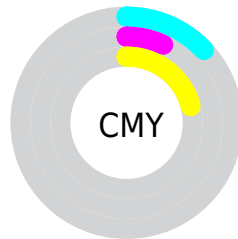


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (7%)



Cyan (13%)


Magenta (7%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 19.568, 127.398 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 92, 19.568, 127.398 by changing the saturation by 10% instead.


 92, 19.568,
127.398


 92, 19.568,
127.398


 100, 19.568,
127.398


 82, 19.568,
127.398

 72, 19.568,
127.398

 62, 19.568,
127.398

 52, 19.568,
127.398

 42, 19.568,
127.398

 32, 19.568,
127.398

 22, 19.568,

127.398

■ 12, 19.568,
127.398

■ 2, 19.568, 127.398

■ 92, 19.568,
127.398

■ 92, 19.568,
127.398

■ 91, 32.470,
126.907

■ 93, 6.623, 127.883

■ 90, 45.197,
126.413

■ 95, 6.284, 308.285

■ 89, 57.571,
125.949

■ 96, 10.587,
324.162

■ 88, 69.325,
125.566

■ 96, 10.664,
324.783

■ 87, 80.080,
125.342

■ 86, 89.326,
125.388

■ 85, 96.496,
125.836

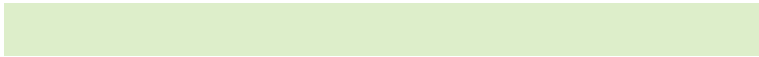
■ 85, 101.207,
126.783

■ 85, 102.832,
127.362

Harmonies

Complementary

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



92, 19.568, 127.398



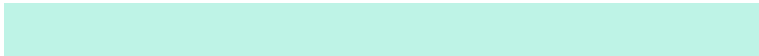
84, 20.007, 308.811

Rectangle

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



92, 19.568, 127.398



92, 19.568, 177.398



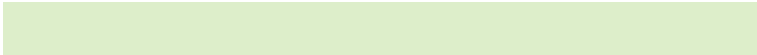
92, 19.568, 307.398



92, 19.568, 357.398

Sweetspot

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



92, 19.570, 127.401



99, 6.825, 127.889



88, 11.329, 69.899



53, 4.658, 127.855



0, 0.000, 0.000



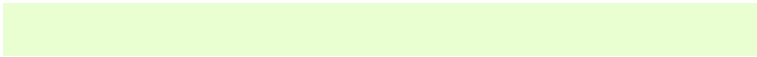
53, 0.007, 296.813

Same Dimension

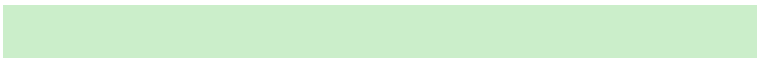
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 19.570, 127.401



97, 24.626, 127.257



91, 22.576, 142.665



50, 7.388, 127.674



67, 84.465, 127.090



20, 34.844, 126.025

Inverse Universe

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



84, 20.007, 308.811



87, 25.283, 308.964



85, 22.619, 324.339



46, 7.496, 308.525



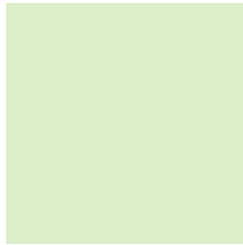
28, 98.075, 311.291



5, 39.523, 311.186

Previews

White Background



This preview shows how the CIE LCh color 92, 19.568, 127.398 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 92, 19.568, 127.398 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

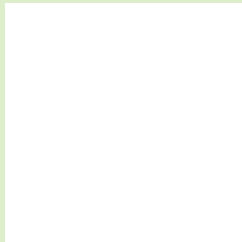
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 19.568, 127.398

Background



This preview shows how black text looks on a background with the CIELCh color 92, 19.568, 127.398.

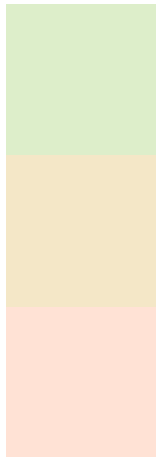


This preview shows how white text looks on a background with the CIELCh color 92, 19.568, 127.398.

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](#).

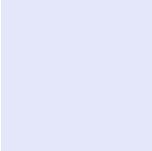
Dichromacy



Original Color
92, 19.568, 127.398

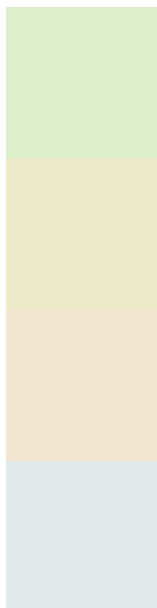
Protanopia
92, 17.187, 92.219

Deuteranopia
92, 12.745, 51.573



Tritanopia
92, 9.358, 284.612

Trichromacy



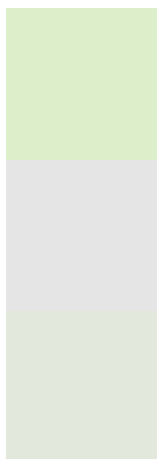
Original Color
92, 19.568, 127.398

Protanomaly
92, 17.482, 106.308

Deuteranomaly
92, 11.847, 85.186

Tritanomaly
92, 3.351, 181.394

Monochromacy



Original Color
92, 19.568, 127.398

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 7.070, 127.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 19.568, 127.398 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(221, 238, 202)` looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 202)  
}
```

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(221, 238, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 19.568, 127.398 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(221, 238, 202) }
```

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

```
.border{ border-color:rgb(221, 238, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 238, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 202);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 19.568, 127.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 202) }
```

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

```
.background{ background-color: rgb(221,  
238, 202) }
```

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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