

Converting Colors

CIELCh(95, 48.292, 120.364)

Have a look what the booklet for
CIELCh(95, 48.292, 120.364)
contains.

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Color

CIElCh(95, 48.512, 120.402)

Conversions

Conversions Part 1

Format	Color
Hex	DEFC9E
RGB	222, 252, 158
RGB Percent	87%, 99%, 62%
CMY	0.1294, 0.0117, 0.3804
CMYK	0.12, 0.00, 0.37, 0.01
HSL	79°, 94%, 80%
HSV	79°, 37%, 99%
XYZ	71.1056, 87.6183, 45.5118
YIQ	232.3140, 12.2940, -35.5940

Conversions

Conversions Part 2

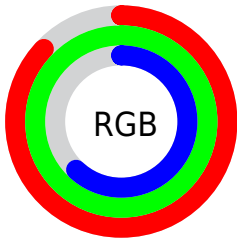
Format	Color
RYB	158, 252, 188
Decimal	14613662
CIELab	95.00, -24.55, 41.84
CIELCh	95, 48.512, 120.402
Yxy	87.6183, 0.3482, 0.4290
Android (android.graphics.Color)	4292803742 (0xFFDEFC9E)
YUV	232.3140, -36.6368, -9.0454
Hunter-Lab	93.6047, -28.2130, 36.6957

Details

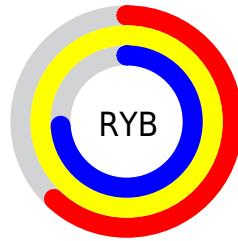
The CIELCh color **95, 48.512, 120.402** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **71, 52.361, 305.103**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **75, 48.345, 120.104** is the 20% darker color. If you saturate the color by 10%, you get **94, 60.827, 119.891**, and if you desaturate by 10%, it is **96, 35.748, 120.968**.

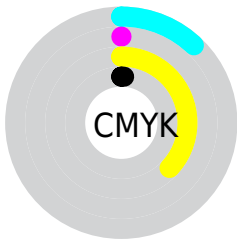
Distribution



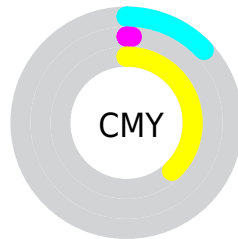
- Red (87%)
- Green (99%)
- Blue (62%)



- Red (62%)
- Yellow (99%)
- Blue (74%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (1%)



- Cyan (13%)
- Magenta (1%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 48.512, 120.402 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 95, 48.512, 120.402 by changing the saturation by 10% instead.

 95, 48.512,
120.402


 95, 48.512,
120.402


 100, 48.512,
120.402


 85, 48.512,
120.402

 75, 48.512,
120.402

 65, 48.512,
120.402

 55, 48.512,
120.402

 45, 48.512,
120.402

 35, 48.512,
120.402

 25, 48.512,

120.402

■ 15, 48.512,
120.402

■ 5, 48.512, 120.402

■ 95, 48.512,
120.402

■ 95, 48.512,
120.402

■ 94, 60.827,
119.891

■ 96, 35.748,
120.968

■ 93, 72.387,
119.484

■ 97, 22.731,
121.548

■ 93, 82.760,
119.263

■ 98, 9.598, 122.123

■ 92, 91.381,
119.334

■ 99, 1.720, 316.428

■ 99, 1.868, 324.341

■ 92, 97.669,
119.816

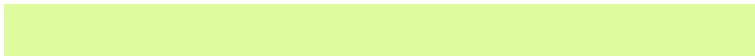
■ 91, 101.358,
120.779

■ 91, 102.099,
121.080

Harmonies

Complementary

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



95, 48.512, 120.402



71, 52.361, 305.103

Rectangle

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



95, 48.512, 120.402



95, 48.512, 170.402



95, 48.512, 300.402



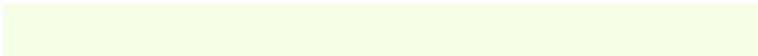
95, 48.512, 350.402

Sweetspot

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



95, 48.514, 120.404



99, 14.601, 121.911



81, 30.936, 51.206



53, 9.810, 121.833



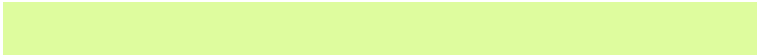
0, 0.000, 0.000



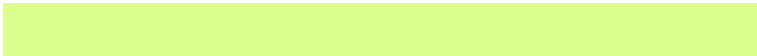
53, 0.007, 296.813

Same Dimension

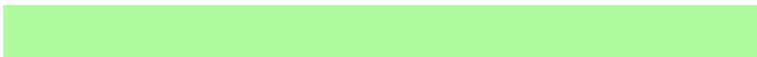
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 48.514, 120.404



95, 58.603, 120.001



92, 55.483, 137.181



52, 7.422, 121.998



70, 82.004, 120.816



23, 35.934, 119.500

Inverse Universe

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



71, 52.361, 305.103



66, 64.483, 305.766



76, 56.299, 320.976



48, 7.561, 303.067



26, 103.224, 308.570



4, 42.886, 307.723

Previews

White Background



This preview shows how the CIELCh color 95, 48.512, 120.402 looks on a white background.

Color Contrast Check

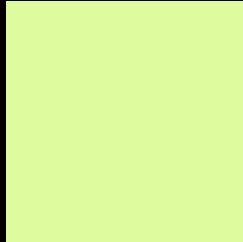
Large Text (above 18pt) WCAG AA × Fail

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 95, 48.512, 120.402 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

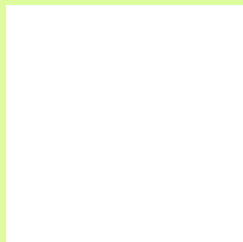
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 48.512, 120.402

Background



This preview shows how black text looks on a background with the CIELCh color 95, 48.512, 120.402.

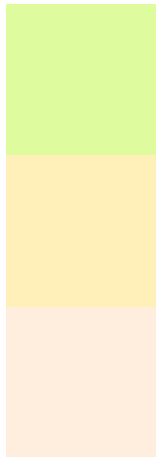


This preview shows how white text looks on a background with the CIELCh color 95, 48.512, 120.402.

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
95, 48.512, 120.402

Protanopia
95, 28.138, 96.105

Deuteranopia
95, 10.532, 70.536



Tritanopia
95, 7.810, 280.681

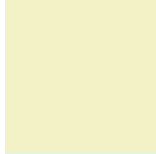
Trichromacy



Original Color
95, 48.512, 120.402



Protanomaly
95, 34.460, 108.107



Deuteranomaly
95, 22.441, 107.445

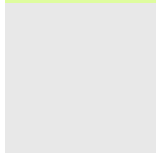


Tritanomaly
95, 13.188, 130.095

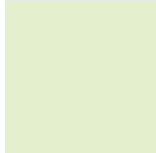
Monochromacy



Original Color
95, 48.512, 120.402



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 17.926, 121.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 48.512, 120.402 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, 252, 158)` looks like.

```
.text, #text, p{  
    color:rgb(222, 252, 158)  
}
```

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, 252, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 252, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 48.512, 120.402 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, 252, 158) }
```

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

```
.border{ border-color:rgb(222, 252, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 252, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 252, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 252, 158); box-shadow:4px 4px 4px 4px rgb(222, 252, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 48.512, 120.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 252, 158) }
```

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

```
.background{ background-color: rgb(222,  
252, 158) }
```

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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