Converting Colors

CIELCh(95, 23.806, 132.319)

Have a look what the booklet for CIELCh(95, 23.806, 132.319) contains.

Color

CIELCh(95, 24.114, 132.652)

Conversions

Conversions Part 1

Format	Color
Hex	DEF9CE
RGB	222, 249, 206
RGB Percent	87%, 98%, 81%
CMY	0.1300, 0.0241, 0.1927
CMYK	0.11, 0.00, 0.17, 0.02
HSL	98°, 78%, 89%
HSV	98°, 17%, 98%
XYZ	75.0351, 87.6183, 71.2605
YIQ	236.0250, -2.2890, -19.0970

Conversions

Conversions Part 2

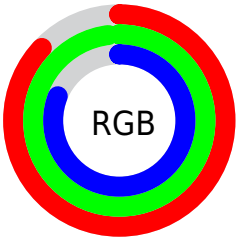
Format	Color
RYB	206, 249, 233
Decimal	14612942
CIELab	95.00, -16.34, 17.74
CIELCh	95, 24.114, 132.652
Yxy	87.6183, 0.3208, 0.3746
Android (android.graphics.Color)	4292803022 (0xFFDEF9CE)
YUV	236.0250, -14.8023, -12.2999
Hunter-Lab	93.6047, -20.7195, 20.3863

Details

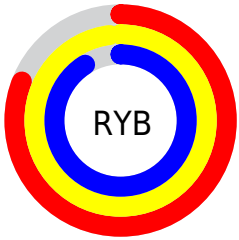
The CIELCh color 95, 24.114, 132.652 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 86, 24.529, 314.143, and the grayscale version is 93, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 75, 24.171, 132.678 is the 20% darker color. If you saturate the color by 10%, you get 94, 38.072, 132.157, and if you desaturate by 10%, it is 97, 10.126, 133.122.

Distribution

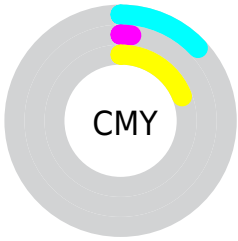


- Red (87%)
- Green (98%)
- Blue (81%)



- Red (81%)
- Yellow (98%)
- Blue (91%)

- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 24.114, 132.652 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, 24.114, 132.652 by changing the saturation by 10% instead.

95, 24.114, 132.652

100, 24.114, 132.652

95, 24.114, 132.652

85, 24.114, 132.652

75, 24.114, 132.652

65, 24.114, 132.652

55, 24.114, 132.652

45, 24.114, 132.652

35, 24.114, 132.652

25, 24.114,

132.652

15, 24.114, 132.652

5, 24.114, 132.652

95, 24.114, 132.652

95, 24.114, 132.652

94, 38.072, 132.157

97, 10.126, 133.122

92, 51.832, 131.643

98, 3.490, 315.544

98, 3.822, 324.494

91, 65.170, 131.140

90, 77.763, 130.703

89, 89.162, 130.417

88, 98.794, 130.404

88, 106.059, 130.796

87, 110.650, 131.658

87, 111.615, 131.917

Harmonies

Complementary

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

95, 24.114, 132.652

86, 24.529, 314.143

Rectangle

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

95, 24.114, 132.652

95, 24.114, 182.652

95, 24.114, 312.652

95, 24.114, 2.652

Sweetspot

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

95, 24.116, 132.654

99, 7.086, 133.228

93, 14.974, 84.668

53, 4.836, 133.195

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, 24.116, 132.654

96, 29.906, 132.471

94, 24.951, 146.649

51, 7.944, 133.020

68, 90.407, 131.672

22, 39.232, 130.500

Inverse Universe

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

86, 24.529, 314.143

85, 30.528, 314.314

87, 25.000, 328.794

48, 8.025, 313.794

33, 96.853, 315.177

7, 43.160, 316.433

Previews

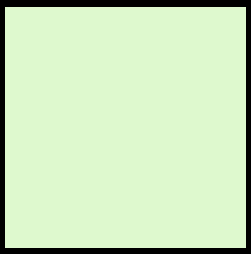
White Background

This preview shows how the CIELCh color 95, 24.114, 132.652 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



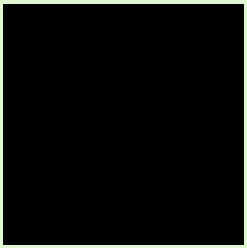
This preview shows how the CIELCh color 95, 24.114, 132.652 looks on a black background.

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, 24.114, 132.652 Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.114, 132.652.

This preview shows how white text looks on a background with the CIELCh color 95, 24.114, 132.652.

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, 24.114, 132.652

Protanopia
95, 20.519, 94.731

Deuteranopia
95, 7.999, 54.786

Tritanopia
95, 7.647, 269.812

Trichromacy

Original Color
95, 24.114, 132.652

Protanomaly
95, 20.404, 109.626

Deuteranomaly
95, 10.761, 105.436

Tritanomaly
95, 6.416, 165.038

Monochromacy

Original Color
95, 24.114, 132.652

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 8.989, 133.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.114, 132.652 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, 249, 206) looks like.

```
.text, #text, p{
    color:rgb(222, 249, 206)
}
```

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, 249, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 249, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.114, 132.652 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, 249, 206) }
```

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

```
.border{ border-color:rgb(222, 249, 206) }
```

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

Here you see how a box with a 4 pixel rgb(222, 249, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 249, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 249, 206); box-shadow:4px 4px 4px 4px rgb(222, 249, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.114, 132.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(222, 249, 206) }
```

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

```
.background{ background-color:rgb(222,
249, 206) }
```

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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