Converting Colors

CIELCh(98, 12.690, 154.276)

Have a look what the booklet for CIELCh(98, 12.690, 154.276) contains.

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Color

CIELCh(98, 12.409, 154.428)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFEE
RGB	230, 255, 238
RGB Percent	90%, 100%, 93%
CMY	0.0962, 0.0000, 0.0649
CMYK	0.10, 0.00, 0.06, 0.00
HSL	140°, 100%, 95%
HSV	140°, 10%, 100%
XYZ	84.1892, 94.9163, 95.1268
YIQ	245.5870, -9.4430, -10.5870

Conversions

Conversions Part 2

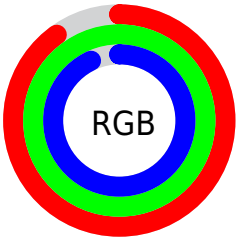
Format	Color
RYB	230, 249, 255
Decimal	15138798
CIELab	98.00, -11.19, 5.36
CIELCh	98, 12.409, 154.428
Yxy	94.9163, 0.3070, 0.3461
Android (android.graphics.Color)	4293328878 (0xFFE6FFEE)
YUV	245.5870, -3.7404, -13.6698
Hunter-Lab	97.4250, -16.2440, 10.3061

Details

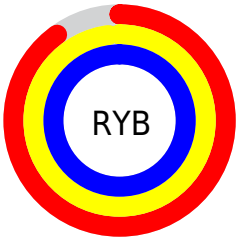
The CIELCh color 98, 12.409, 154.428 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 94, 12.197, 336.006, and the grayscale version is 97, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 12.383, 154.805 is the 20% darker color. If you saturate the color by 10%, you get 96, 24.794, 153.847, and if you desaturate by 10%, it is 100, 0.012, 296.813.

Distribution

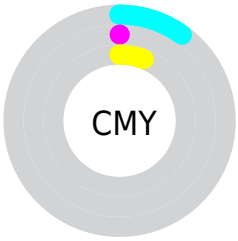


- Red (90%)
- Green (100%)
- Blue (93%)



- Red (90%)
- Yellow (98%)
- Blue (100%)

- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 12.409, 154.428 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 98, 12.409, 154.428 by changing the saturation by 10% instead.

98, 12.409, 154.428

100, 12.409, 154.428

98, 12.409, 154.428

88, 12.409, 154.428

78, 12.409, 154.428

68, 12.409, 154.428

58, 12.409, 154.428

48, 12.409, 154.428

38, 12.409, 154.428

28, 12.409,

154.428

18, 12.409, 154.428

8, 12.409, 154.428

98, 12.409, 154.428

96, 24.794, 153.847

94, 37.364, 152.893

93, 49.639, 151.797

91, 61.392, 150.537

98, 12.409, 154.428

100, 0.012, 296.813

90, 72.380, 149.092

89, 82.372, 147.451

89, 91.176, 145.621

88, 98.672, 143.638

88, 104.875, 141.611

Harmonies

Complementary

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

98, 12.409, 154.428

94, 12.197, 336.006

Rectangle

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

98, 12.409, 154.428

98, 12.409, 204.428

98, 12.409, 334.428

98, 12.409, 24.428

Sweetspot

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

98, 12.126, 154.693

99, 3.760, 155.260

99, 12.768, 121.893

53, 2.853, 155.179

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

98, 12.126, 154.693

97, 15.136, 154.499

98, 8.781, 183.748

52, 7.163, 154.702

68, 83.917, 141.917

23, 36.125, 144.881

Inverse Universe

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

94, 12.197, 336.006

92, 15.237, 336.188

93, 9.142, 5.366

50, 7.205, 335.997

42, 73.131, 346.912

11, 34.480, 343.976

Previews

White Background

This preview shows how the CIELCh color 98, 12.409, 154.428 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 98, 12.409, 154.428 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 98, 12.409, 154.428

Background

This preview shows how black text looks on a background with the CIELCh color 98, 12.409, 154.428.

This preview shows how white text looks on a background with the CIELCh color 98, 12.409, 154.428.

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
98, 12.409, 154.428

Protanopia
98, 6.113, 85.472

Deuteranopia
98, 2.827, 19.362

Tritanopia
98, 3.347, 266.028

Trichromacy

Original Color
98, 12.409, 154.428

Protanomaly
98, 6.859, 124.695

Deuteranomaly
98, 3.372, 134.631

Tritanomaly
98, 3.970, 184.417

Monochromacy

Original Color
98, 12.409, 154.428

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.424, 155.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 12.409, 154.428 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(230, 255, 238) looks like.

```
.text, #text, p{
    color:rgb(230, 255, 238)
}
```

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(230, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 12.409, 154.428 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(230, 255, 238) }
```

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

```
.border{ border-color:rgb(230, 255, 238) }
```

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

Here you see how a box with a 4 pixel rgb(230, 255, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 255, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 255, 238); box-shadow:4px 4px 4px 4px rgb(230, 255, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 12.409, 154.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(230, 255, 238) }
```

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

```
.background{ background-color:rgb(230, 255, 238) }
```

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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