

Converting Colors

CIELCh(79, 13.123, 94.145)

Have a look what the booklet for
CIELCh(79, 13.123, 94.145) contains.

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Color

CIELCh(79, 13.220, 93.705)

Conversions

Conversions Part 1

Format	Color
Hex	CCC3AB
RGB	204, 195, 171
RGB Percent	80%, 76%, 67%
CMY	0.1992, 0.2345, 0.3287
CMYK	0.00, 0.04, 0.16, 0.20
HSL	44°, 25%, 74%
HSV	44°, 16%, 80%
XYZ	51.8817, 54.9284, 46.4891
YIQ	194.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

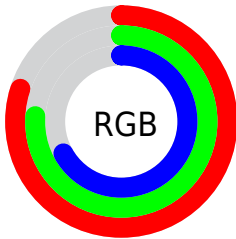
Format	Color
RYB	183, 204, 171
Decimal	13419435
CIELab	79.00, -0.85, 13.19
CIElCh	79, 13.220, 93.705
Yxy	54.9284, 0.3384, 0.3583
Android (android.graphics.Color)	4291609515 (0xFFCCC3AB)
YUV	194.9550, -11.8098, 7.9325
Hunter-Lab	74.1137, -4.7438, 14.6889

Details

The CIELCh color **79, 13.220, 93.705** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 13.321, 277.835**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.222, 104.426**, and **59, 12.961, 91.915** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.545, 92.459**, and if you desaturate by 10%, it is **81, 5.000, 94.909**.

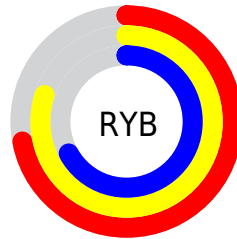
Distribution



Red (80%)

Green (76%)

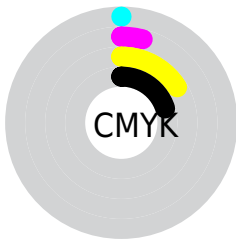
Blue (67%)



Red (72%)

Yellow (80%)

Blue (67%)

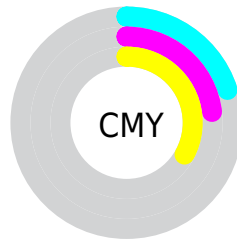


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 13.220, 93.705 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 79, 13.220, 93.705 by changing the saturation by 10% instead.

■ 79, 13.220, 93.705

■ 79, 13.220, 93.705

■ 100, 13.220,
93.705

■ 69, 13.220, 93.705

■ 99, 13.220, 93.705

■ 59, 13.220, 93.705

■ 49, 13.220, 93.705

■ 39, 13.220, 93.705

■ 29, 13.220, 93.705

■ 19, 13.220, 93.705

■ 9, 13.220, 93.705

■ 0, 13.220, 93.705

■ 79, 13.220, 93.705

■ 79, 13.220, 93.705

77, 21.545, 92.459

81, 5.000, 94.909

75, 29.933, 91.165

83, 3.102, 276.191

74, 38.304, 89.836

85, 11.080,
277.272

72, 46.510, 88.471

87, 18.936,
278.342

70, 54.281, 87.055

69, 61.167, 85.553

88, 17.626,
270.944

67, 66.500, 83.891

90, 15.700,
260.456

66, 69.580, 81.947

65, 70.430, 81.164

91, 14.417,
247.701

93, 13.941,
233.408

94, 14.336,
219.123

Harmonies

Complementary

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



79, 13.220, 93.705



73, 13.321, 277.835

Rectangle

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



79, 13.220, 93.705



79, 13.220, 143.705



79, 13.220, 273.705



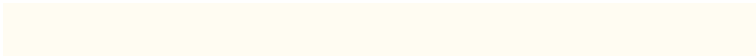
79, 13.220, 323.705

Sweetspot

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



79, 13.221, 93.714



99, 4.851, 95.032



73, 13.525, 358.702



53, 3.312, 94.953



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 13.221, 93.714



96, 18.653, 93.332



81, 17.641, 117.570



42, 4.611, 94.534



54, 60.375, 81.538



11, 16.248, 85.194

Inverse Universe

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



73, 13.321, 277.835



88, 18.815, 278.304



72, 18.247, 299.804



40, 4.637, 276.885



26, 76.904, 299.378



3, 19.183, 284.514

Previews

White Background



This preview shows how the CIELCh color 79, 13.220, 93.705 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 79, 13.220, 93.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

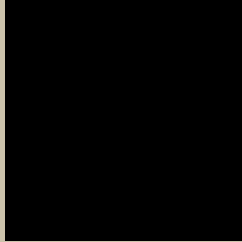
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

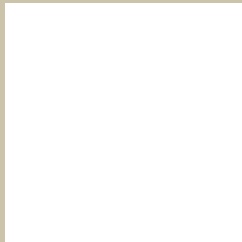
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 13.220, 93.705

Background



This preview shows how black text looks on a background with the CIELCh color 79, 13.220, 93.705.



This preview shows how white text looks on a background with the CIELCh color 79, 13.220, 93.705.

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

79, 13.220, 93.705

Protanopia

79, 13.328, 92.085

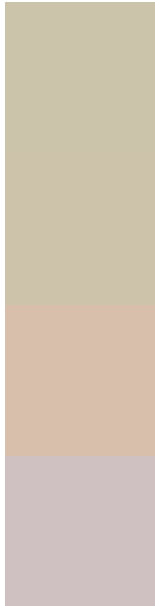
Deuteranopia

79, 15.943, 50.145



Tritanopia
79, 10.642, 331.437

Trichromacy



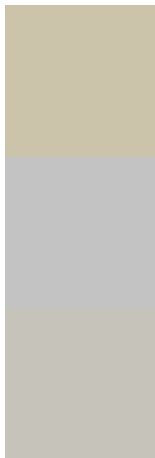
Original Color
79, 13.220, 93.705

Protanomaly
79, 13.328, 92.085

Deuteranomaly
79, 14.102, 65.424

Tritanomaly
79, 5.620, 14.332

Monochromacy



Original Color
79, 13.220, 93.705

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 4.909, 96.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 13.220, 93.705 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(204, 195, 171)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 171)  
}
```

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(204, 195, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 13.220, 93.705 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(204, 195, 171) }
```

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

```
.border{ border-color:rgb(204, 195, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 171);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 13.220, 93.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 171) }
```

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

```
.background{ background-color: rgb(204,  
195, 171) }
```

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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