

Converting Colors

CIELCh(79, 79.556, 94.926)

Have a look what the booklet for
CIELCh(79, 79.556, 94.926) contains.

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Color

CIELCh(79, 79.543, 94.891)

Conversions

Conversions Part 1

Format	Color
Hex	DDC408
RGB	221, 196, 8
RGB Percent	87%, 77%, 3%
CMY	0.1329, 0.2310, 0.9674
CMYK	0.00, 0.11, 0.96, 0.13
HSL	53°, 93%, 45%
HSV	53°, 96%, 87%
XYZ	49.6565, 54.9284, 8.2234
YIQ	182.0430, 75.2480, -53.1680

Conversions

Conversions Part 2

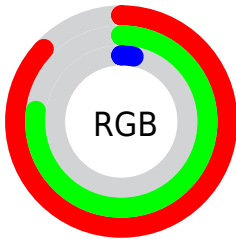
Format	Color
R_{YB}	36, 221, 8
Decimal	14533640
CIE Lab	79.00, -6.78, 79.25
CIE LCh	79, 79.543, 94.891
Yxy	54.9284, 0.4402, 0.4869
Android (android.graphics.Color)	4292723720 (0xFFDDC408)
YUV	182.0430, -85.8032, 34.1653
Hunter-Lab	74.1137, -10.1031, 45.3009

Details

The CIELCh color **79, 79.543, 94.891** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **30, 111.059, 304.215**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 78.254, 103.244**, and **59, 63.605, 95.188** is the 20% darker color. If you saturate the color by 10%, you get **79, 80.136, 94.554**, and if you desaturate by 10%, it is **80, 76.900, 95.807**.

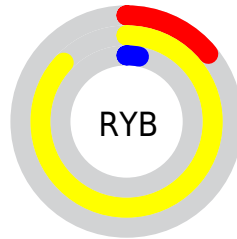
Distribution



Red (87%)

Green (77%)

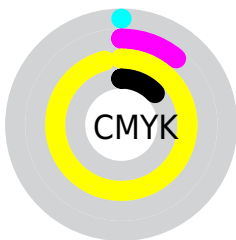
Blue (3%)



Red (14%)

Yellow (87%)

Blue (3%)

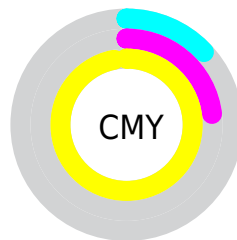


Cyan (0%)

Magenta (11%)

Yellow (96%)

Black (13%)



Cyan (13%)

Magenta (23%)

Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 79.543, 94.891 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, 79.543, 94.891 by changing the saturation by 10% instead.

 79, 79.543, 94.891

 79, 79.543, 94.891

 100, 79.543,
94.891

 69, 79.543, 94.891

 99, 79.543, 94.891

 59, 79.543, 94.891

 49, 79.543, 94.891

 39, 79.543, 94.891

 29, 79.543, 94.891

 19, 79.543, 94.891

 9, 79.543, 94.891

 0, 79.543, 94.891

 79, 79.543, 94.891

 79, 79.543, 94.891

79, 80.136, 94.554

80, 76.900, 95.807

80, 71.746, 96.758

81, 64.584, 97.761

82, 56.059, 98.812

83, 46.698, 99.897

84, 36.861,
101.000

85, 26.776,
102.106

86, 16.580,
103.201

87, 6.356, 104.265

Harmonies

Complementary

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



79, 79.543, 94.891



30, 111.059, 304.215

Rectangle

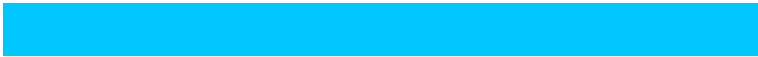
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 79.543, 94.891



79, 79.543, 144.891



79, 79.543, 274.891



79, 79.543, 324.891

Sweetspot

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



79, 79.542, 94.893



96, 33.206, 101.775



47, 85.430, 32.922



51, 22.753, 101.300



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, 79.542, 94.893



89, 89.201, 94.480



81, 92.756, 122.708



46, 5.754, 103.931



63, 66.921, 94.702



16, 23.593, 97.195

Inverse Universe

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



30, 111.059, 304.215



34, 127.558, 304.956



33, 113.514, 309.314



43, 5.851, 286.012



22, 94.132, 304.536



3, 27.198, 292.277

Previews

White Background



This preview shows how the CIELCh color 79, 79.543, 94.891 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, 79.543, 94.891 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, 79.543, 94.891

Background



This preview shows how black text looks on a background with the CIELCh color 79, 79.543, 94.891.



This preview shows how white text looks on a background with the CIELCh color 79, 79.543, 94.891.

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, 79.543, 94.891

Protanopia

79, 79.543, 94.891

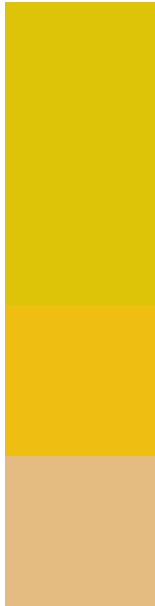
Deuteranopia

79, 78.725, 82.827



Tritanopia
79, 20.190, 359.597

Trichromacy



Original Color
79, 79.543, 94.891

Protanomaly
79, 79.543, 94.891

Deuteranomaly
79, 78.842, 87.242

Tritanomaly
78, 36.073, 78.631

Monochromacy



Original Color
79, 79.543, 94.891

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 36.202, 100.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 79.543, 94.891 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, 196, 8)` looks like.

```
.text, #text, p{  
    color:rgb(221, 196, 8)  
}
```

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, 196, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 79.543, 94.891 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, 196, 8) }
```

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

```
.border{ border-color:rgb(221, 196, 8) }
```

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

Here you see how a box with a 4 pixel rgb(221, 196, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 196, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 196, 8);  
box-shadow:4px 4px 4px 4px rgb(221, 196,  
8) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 79.543, 94.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 196, 8) }
```

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

```
.background{ background-color: rgb(221,  
196, 8) }
```

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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