

Converting Colors

CIELCh(79, 37.962, 116.376)

Have a look what the booklet for
CIELCh(79, 37.962, 116.376)
contains.

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Color

CIELCh(79, 38.161, 116.521)

Conversions

Conversions Part 1

Format	Color
Hex	BBCB83
RGB	187, 203, 131
RGB Percent	73%, 80%, 51%
CMY	0.2666, 0.2038, 0.4862
CMYK	0.08, 0.00, 0.35, 0.20
HSL	73°, 41%, 65%
HSV	73°, 35%, 80%
XYZ	45.9576, 54.9284, 29.6596
YIQ	190.0080, 13.5760, -25.7840

Conversions

Conversions Part 2

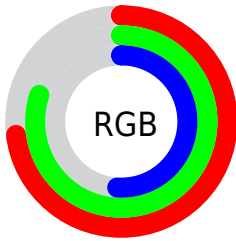
Format	Color
R _{YB}	131, 203, 147
Decimal	12307331
CIE _{Lab}	79.00, -17.04, 34.15
CIE _{LCh}	79, 38.161, 116.521
Yxy	54.9284, 0.3520, 0.4208
Android (android.graphics.Color)	4290497411 (0xFFBBCB83)
YUV	190.0080, -29.0909, -2.6380
Hunter-Lab	74.1137, -19.0117, 28.1523

Details

The CIELCh color **79, 38.161, 116.521** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 41.327, 301.764**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 35.467, 114.288**, and **59, 38.372, 116.341** is the 20% darker color. If you saturate the color by 10%, you get **78, 48.393, 115.912**, and if you desaturate by 10%, it is **80, 27.586, 117.177**.

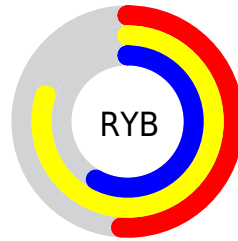
Distribution



Red (73%)

Green (80%)

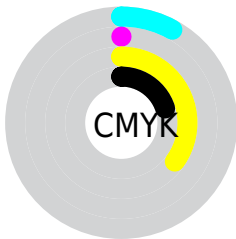
Blue (51%)



Red (51%)

Yellow (80%)

Blue (58%)

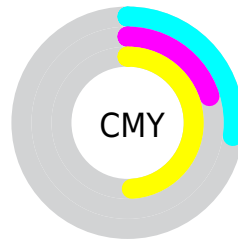


Cyan (8%)

Magenta (0%)

Yellow (35%)

Black (20%)



Cyan (27%)


Magenta (20%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 38.161, 116.521 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, 38.161, 116.521 by changing the saturation by 10% instead.


 79, 38.161,
116.521

 79, 38.161,
116.521


 100, 38.161,
116.521


 69, 38.161,
116.521


 99, 38.161,
116.521

 59, 38.161,
116.521

 49, 38.161,
116.521

 39, 38.161,
116.521

 29, 38.161,
116.521

 19, 38.161,
116.521

 9, 38.161, 116.521

0, 38.161, 116.521

79, 38.161,
116.521

79, 38.161,
116.521

78, 48.393,
115.912

80, 27.586,
117.177

78, 58.051,
115.386

80, 16.814,
117.842

77, 66.807,
115.008

81, 5.946, 118.501

82, 4.951, 299.131

77, 74.216,
114.863

83, 15.828,
299.742

77, 79.780,
115.047

84, 26.653,
300.318

76, 83.163,
115.640

84, 28.022,

■ 76, 84.250,
115.988

303.113

■ 85, 28.340,
306.146

■ 85, 28.732,
309.132

Harmonies

Complementary

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



79, 38.161, 116.521



59, 41.327, 301.764

Rectangle

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



79, 38.161, 116.521



79, 38.161, 166.521



79, 38.161, 296.521



79, 38.161, 346.521

Sweetspot

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



79, 38.163, 116.523



99, 14.400, 118.128



66, 25.454, 40.947



53, 9.674, 118.037



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, 38.163, 116.523



96, 55.204, 116.023



77, 42.972, 134.503



43, 6.196, 118.243



63, 72.402, 115.817



14, 22.512, 117.958

Inverse Universe

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



59, 41.327, 301.764



67, 61.148, 302.627



62, 44.036, 317.773



40, 6.322, 299.488



21, 95.113, 307.517



2, 23.754, 298.156

Previews

White Background



This preview shows how the CIELCh color 79, 38.161, 116.521 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 CIE LCh color 79, 38.161, 116.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

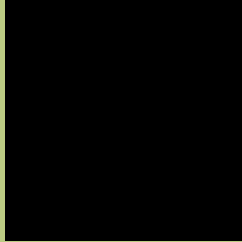
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 38.161, 116.521

Background



This preview shows how black text looks on a background with the CIELCh color 79, 38.161, 116.521.



This preview shows how white text looks on a background with the CIELCh color 79, 38.161, 116.521.

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, 38.161, 116.521

Protanopia
79, 35.996, 95.570

Deuteranopia
79, 34.036, 73.200



Tritanopia
79, 8.702, 300.396

Trichromacy



Original Color
79, 38.161, 116.521

Protanomaly
79, 36.240, 103.577

Deuteranomaly
79, 32.693, 90.326

Tritanomaly
79, 8.654, 119.414

Monochromacy



Original Color
79, 38.161, 116.521

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 14.049, 118.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 38.161, 116.521 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(187, 203, 131)` looks like.

```
.text, #text, p{  
    color:rgb(187, 203, 131)  
}
```

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(187, 203, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 203, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 38.161, 116.521 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(187, 203, 131) }
```

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

```
.border{ border-color:rgb(187, 203, 131) }
```

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

Here you see how a box with a 4 pixel rgb(187, 203, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 203, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 203, 131);  
box-shadow:4px 4px 4px 4px rgb(187, 203,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 38.161, 116.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 203, 131) }
```

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

```
.background{ background-color: rgb(187,  
203, 131) }
```

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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