

Converting Colors

CIELCh(70, 38.604, 146.408)

Have a look what the booklet for
CIELCh(70, 38.604, 146.408)
contains.

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Color

CIELCh(70, 38.731, 146.297)

Conversions

Conversions Part 1

Format	Color
Hex	79BA83
RGB	121, 186, 131
RGB Percent	47%, 73%, 51%
CMY	0.5260, 0.2711, 0.4868
CMYK	0.35, 0.00, 0.30, 0.27
HSL	129°, 32%, 60%
HSV	129°, 35%, 73%
XYZ	29.4837, 40.7494, 27.7376
YIQ	160.2950, -21.0850, -30.8850

Conversions

Conversions Part 2

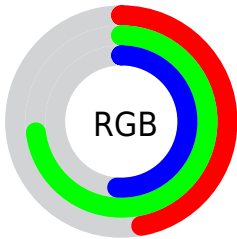
Format	Color
RYB	121, 177, 186
Decimal	7977603
CIELab	70.00, -32.22, 21.49
CIELCh	70, 38.731, 146.297
Yxy	40.7494, 0.3009, 0.4159
Android (android.graphics.Color)	4286167683 (0xFF79BA83)
YUV	160.2950, -14.4424, -34.4617
Hunter-Lab	63.8353, -29.2675, 18.9221

Details

The CIELCh color $70, 38.731, 146.297$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $59, 38.802, 331.102$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 38.629, 146.327$, and $50, 38.538, 146.229$ is the 20% darker color. If you saturate the color by 10%, you get $69, 49.394, 145.237$, and if you desaturate by 10%, it is $71, 27.731, 147.216$.

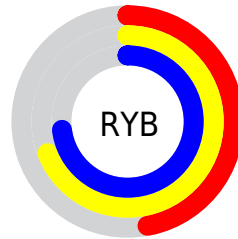
Distribution



Red (47%)

Green (73%)

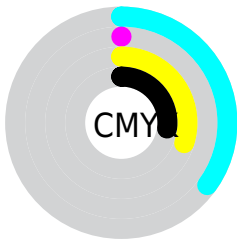
Blue (51%)



Red (47%)

Yellow (69%)

Blue (73%)

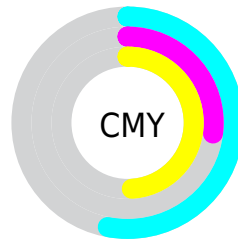


Cyan (35%)

Magenta (0%)

Yellow (30%)

Black (27%)



Cyan (53%)


Magenta (27%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 38.731, 146.297 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 70, 38.731, 146.297 by changing the saturation by 10% instead.


 70, 38.731,
146.297

 70, 38.731,
146.297


 100, 38.731,
146.297


 60, 38.731,
146.297


 90, 38.731,
146.297

 50, 38.731,
146.297

 40, 38.731,
146.297

 30, 38.731,
146.297

 20, 38.731,
146.297

 10, 38.731,
146.297

 0, 38.731, 146.297

70, 38.731,
146.297

70, 38.731,
146.297

69, 49.394,
145.237

71, 27.731,
147.216

68, 59.479,
144.027

73, 16.591,
148.010

67, 68.724,
142.675

75, 5.472, 148.721

67, 76.853,
141.213

76, 5.505, 329.201

78, 16.255,
329.737

66, 83.597,
139.709

81, 26.720,
330.179

66, 88.723,
138.272

83, 36.866,
330.562

66, 90.719,
137.680

84, 43.332,
325.926

Harmonies

Complementary

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



70, 38.731, 146.297



59, 38.802, 331.102

Rectangle

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



70, 38.731, 146.297



70, 38.731, 196.297



70, 38.731, 326.297



70, 38.731, 16.297

Sweetspot

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



70, 38.732, 146.297



93, 13.710, 148.356



73, 34.744, 113.473



50, 9.438, 148.256



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 38.732, 146.297



88, 57.351, 145.491



71, 26.317, 169.089



38, 6.197, 148.415



56, 79.157, 137.879



8, 17.480, 147.658

Inverse Universe

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



59, 38.802, 331.102



72, 57.325, 331.593



58, 28.648, 356.468



36, 6.213, 329.496



35, 70.946, 335.368



3, 16.093, 331.553

Previews

White Background



This preview shows how the CIELCh color 70, 38.731, 146.297 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 70, 38.731, 146.297 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 70, 38.731, 146.297

Background



This preview shows how black text looks on a background with the CIELCh color 70, 38.731, 146.297.



This preview shows how white text looks on a background with the CIELCh color 70, 38.731, 146.297.

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

70, 38.731, 146.297

Protanopia

70, 25.561, 95.347

Deuteranopia

70, 21.262, 65.598



Tritanopia
70, 16.663, 225.941

Trichromacy



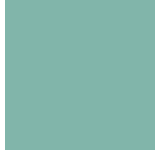
Original Color
70, 38.731, 146.297



Protanomaly
69, 27.785, 120.973



Deuteranomaly
69, 20.636, 109.200



Tritanomaly
70, 19.461, 179.719

Monochromacy



Original Color
70, 38.731, 146.297



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 14.185, 147.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 38.731, 146.297 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(121, 186, 131)` looks like.

```
.text, #text, p{  
    color:rgb(121, 186, 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(121, 186, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 186, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 38.731, 146.297 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(121, 186, 131) }
```

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

```
.border{ border-color:rgb(121, 186, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 186, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 186, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 186, 131);  
box-shadow:4px 4px 4px 4px rgb(121, 186,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 38.731, 146.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 186, 131) }
```

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

```
.background{ background-color: rgb(121,  
186, 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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