

Converting Colors

CIELCh(71, 36.790, 140.201)

Have a look what the booklet for
CIELCh(71, 36.790, 140.201)
contains.

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Color

CIELCh(71, 36.790, 140.201)

Conversions

Conversions Part 1

Format	Color
Hex	87BB82
RGB	135, 187, 130
RGB Percent	53%, 73%, 51%
CMY	0.4714, 0.2675, 0.4910
CMYK	0.28, 0.00, 0.31, 0.27
HSL	115°, 29%, 62%
HSV	115°, 31%, 73%
XYZ	31.6971, 42.1875, 27.5192
YIQ	164.9540, -12.6950, -28.7510

Conversions

Conversions Part 2

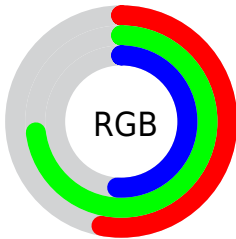
Format	Color
RYB	130, 187, 182
Decimal	8895362
CIELab	71.00, -28.27, 23.55
CIELCh	71, 36.790, 140.201
Yxy	42.1875, 0.3126, 0.4160
Android (android.graphics.Color)	4287085442 (0xFF87BB82)
YUV	164.9540, -17.2323, -26.2697
Hunter-Lab	64.9519, -26.5563, 20.3460

Details

The CIELCh color $71, 36.790, 140.201$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $61, 36.981, 323.536$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $91, 36.749, 140.273$, and $51, 36.617, 140.285$ is the 20% darker color. If you saturate the color by 10%, you get $70, 48.580, 139.407$, and if you desaturate by 10%, it is $72, 24.739, 140.908$.

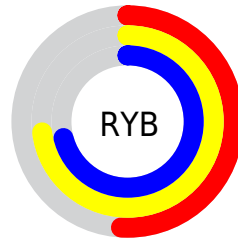
Distribution



Red (53%)

Green (73%)

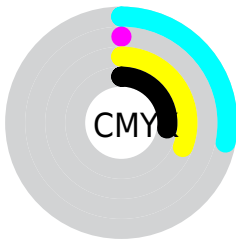
Blue (51%)



Red (51%)

Yellow (73%)

Blue (71%)

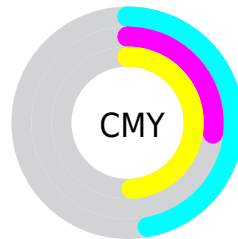


Cyan (28%)

Magenta (0%)

Yellow (31%)

Black (27%)



Cyan (47%)


Magenta (27%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 36.790, 140.201 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 71, 36.790, 140.201 by changing the saturation by 10% instead.


 71, 36.790,
140.201


 71, 36.790,
140.201


 100, 36.790,
140.201


 61, 36.790,
140.201


 91, 36.790,
140.201

 51, 36.790,
140.201

 41, 36.790,
140.201

 31, 36.790,
140.201

 21, 36.790,
140.201

 11, 36.790,
140.201

 1, 36.790, 140.201

■ 0, 36.790, 140.201

■ 71, 36.790,
140.201

■ 71, 36.790,
140.201

■ 70, 48.580,
139.407

■ 72, 24.739,
140.908

■ 69, 59.836,
138.541

■ 74, 12.626,
141.529

■ 68, 70.215,
137.647

■ 76, 0.601, 142.412

■ 67, 79.282,
136.805

■ 78, 11.230,
322.465

■ 67, 86.541,
136.134

■ 80, 22.795,
322.856

■ 66, 91.535,
135.763

■ 82, 34.051,
323.183

■ 66, 94.293,
135.632

■ 84, 42.602,
325.525

■ 84, 42.759,
325.906

Harmonies

Complementary

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



71, 36.790, 140.201



61, 36.981, 323.536

Rectangle

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



71, 36.790, 140.201



71, 36.790, 190.201



71, 36.790, 320.201



71, 36.790, 10.201

Sweetspot

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



71, 36.791, 140.201



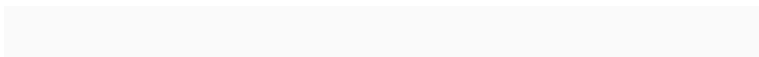
94, 13.343, 141.608



73, 27.583, 102.590



50, 9.356, 141.523



98, 0.011, 296.813



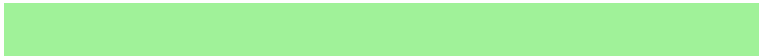
51, 0.007, 296.813

Same Dimension

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



71, 36.791, 140.201



89, 54.928, 139.647



71, 28.210, 156.000



39, 6.859, 141.596



57, 83.277, 135.564



9, 21.220, 142.720

Inverse Universe

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



61, 36.981, 323.536



74, 55.223, 323.860



61, 28.817, 341.122



37, 6.881, 322.498



35, 81.293, 324.865



3, 20.545, 321.620

Previews

White Background



This preview shows how the CIELCh color 71, 36.790, 140.201 looks on a white background.

Color Contrast Check

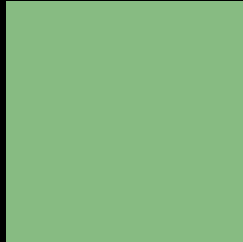
Large Text (above 18pt) WCAG AA × Fail

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 71, 36.790, 140.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

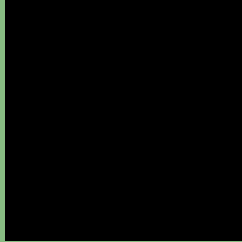
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 36.790, 140.201

Background



This preview shows how black text looks on a background with the CIELCh color 71, 36.790, 140.201.

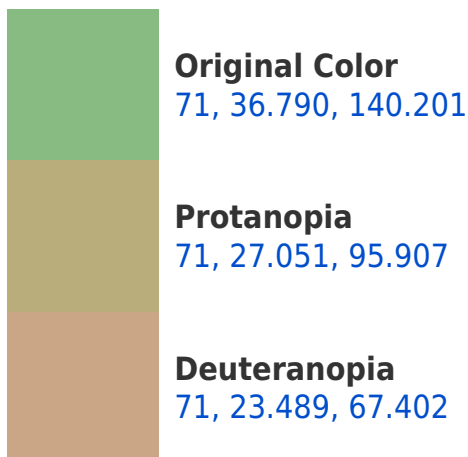


This preview shows how white text looks on a background with the CIELCh color 71, 36.790, 140.201.

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





Tritanopia
71, 13.446, 233.507

Trichromacy



Original Color
71, 36.790, 140.201

Protanomaly
71, 28.339, 116.499

Deuteranomaly
70, 22.783, 103.755

Tritanomaly
71, 16.002, 173.897

Monochromacy



Original Color
71, 36.790, 140.201

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 13.678, 141.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 36.790, 140.201 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(135, 187, 130)` looks like.

```
.text, #text, p{  
    color:rgb(135, 187, 130)  
}
```

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(135, 187, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 187, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 36.790, 140.201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

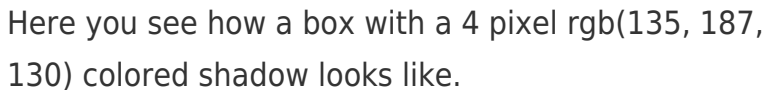
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 187, 130) }
```

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

```
.border{ border-color:rgb(135, 187, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 187, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 187, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 187, 130);  
box-shadow:4px 4px 4px 4px rgb(135, 187,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 36.790, 140.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 187, 130) }
```

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

```
.background{ background-color: rgb(135,  
187, 130) }
```

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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