

Converting Colors

CIELCh(72, 39.250, 142.253)

Have a look what the booklet for
CIELCh(72, 39.250, 142.253)
contains.

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Color

CIELCh(72, 39.655, 142.239)

Conversions

Conversions Part 1

Format	Color
Hex	83BF83
RGB	131, 191, 131
RGB Percent	51%, 75%, 51%
CMY	0.4867, 0.2515, 0.4867
CMYK	0.31, 0.00, 0.31, 0.25
HSL	120°, 32%, 63%
HSV	120°, 31%, 75%
XYZ	32.0344, 43.6590, 28.1705
YIQ	166.2200, -16.5000, -31.3800

Conversions

Conversions Part 2

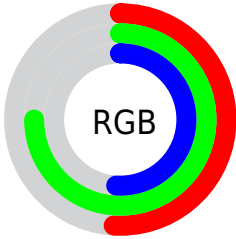
Format	Color
RYB	131, 191, 191
Decimal	8634243
CIELab	72.00, -31.35, 24.28
CIELCh	72, 39.655, 142.239
Yxy	43.6590, 0.3084, 0.4203
Android (android.graphics.Color)	4286824323 (0xFF83BF83)
YUV	166.2200, -17.3635, -30.8879
Hunter-Lab	66.0750, -29.0909, 20.9747

Details

The CIELCh color $72, 39.655, 142.239$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $63, 39.643, 326.130$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $92, 39.923, 141.929$, and $52, 39.541, 142.208$ is the 20% darker color. If you saturate the color by 10%, you get $71, 51.882, 141.291$, and if you desaturate by 10%, it is $73, 27.076, 143.067$.

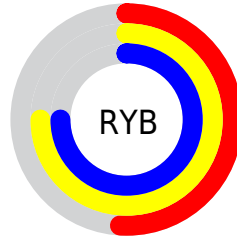
Distribution



Red (51%)

Green (75%)

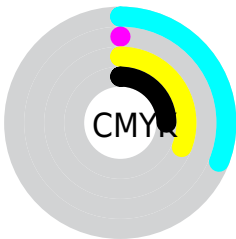
Blue (51%)



Red (51%)

Yellow (75%)

Blue (75%)

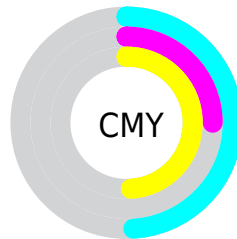


Cyan (31%)

Magenta (0%)

Yellow (31%)

Black (25%)



Cyan (49%)


Magenta (25%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.655, 142.239 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 72, 39.655, 142.239 by changing the saturation by 10% instead.


 72, 39.655,
142.239


 72, 39.655,
142.239


 100, 39.655,
142.239


 62, 39.655,
142.239


 92, 39.655,
142.239

 52, 39.655,
142.239

 42, 39.655,
142.239

 32, 39.655,
142.239

 22, 39.655,
142.239

 12, 39.655,
142.239

 2, 39.655, 142.239

■ 0, 39.655, 142.239

■ 72, 39.655,
142.239

■ 72, 39.655,
142.239

■ 71, 51.882,
141.291

■ 73, 27.076,
143.067

■ 70, 63.433,
140.235

■ 75, 14.389,
143.782

■ 69, 73.915,
139.109

■ 77, 1.782, 144.505

■ 68, 82.858,
138.000

■ 79, 10.613,
324.850

■ 68, 89.759,
137.035

■ 81, 22.708,
325.292

■ 68, 94.202,
136.358

■ 84, 34.449,
325.659

■ 67, 96.334,
136.017

■ 85, 40.207,
325.820

Harmonies

Complementary

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



72, 39.655, 142.239



63, 39.643, 326.130

Rectangle

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



72, 39.655, 142.239



72, 39.655, 192.239



72, 39.655, 322.239



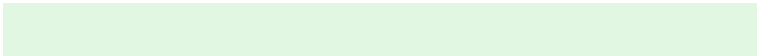
72, 39.655, 12.239

Sweetspot

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



72, 39.656, 142.239



95, 13.961, 143.933



76, 31.766, 107.164



51, 9.790, 143.836



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 39.656, 142.239



90, 58.898, 141.572



73, 27.314, 160.731



39, 7.057, 143.920



57, 83.794, 136.017



9, 21.677, 144.393

Inverse Universe

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



63, 39.643, 326.130



76, 58.802, 326.493



62, 28.381, 346.578



37, 7.068, 324.930



37, 80.844, 328.235



3, 21.488, 325.463

Previews

White Background



This preview shows how the CIELCh color 72, 39.655, 142.239 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 72, 39.655, 142.239 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 72, 39.655, 142.239

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.655, 142.239.



This preview shows how white text looks on a background with the CIELCh color 72, 39.655, 142.239.

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](#).

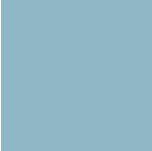
Dichromacy



Original Color
72, 39.655, 142.239

Protanopia
72, 28.621, 95.570

Deuteranopia
72, 23.827, 68.211



Tritanopia
72, 15.279, 228.606

Trichromacy



Original Color
72, 39.655, 142.239

Protanomaly
72, 29.367, 116.902

Deuteranomaly
71, 23.206, 105.845

Tritanomaly
72, 18.352, 175.201

Monochromacy



Original Color
72, 39.655, 142.239

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 14.752, 143.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.655, 142.239 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(131, 191, 131)` looks like.

```
.text, #text, p{  
    color:rgb(131, 191, 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(131, 191, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 191, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.655, 142.239 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(131, 191, 131) }
```

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

```
.border{ border-color:rgb(131, 191, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 191, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 191, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 191, 131);  
box-shadow:4px 4px 4px 4px rgb(131, 191,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.655, 142.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 191, 131) }
```

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

```
.background{ background-color: rgb(131,  
191, 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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