

Converting Colors

CIELCh(72, 41.260, 141.720)

Have a look what the booklet for
CIELCh(72, 41.260, 141.720)
contains.

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Color

CIELCh(72, 41.192, 141.362)

Conversions

Conversions Part 1

Format	Color
Hex	82BF80
RGB	130, 191, 128
RGB Percent	51%, 75%, 50%
CMY	0.4895, 0.2503, 0.4974
CMYK	0.32, 0.00, 0.33, 0.25
HSL	118°, 33%, 63%
HSV	118°, 33%, 75%
XYZ	31.8071, 43.6590, 27.2284
YIQ	165.5790, -16.1330, -32.5250

Conversions

Conversions Part 2

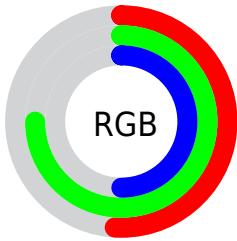
Format	Color
RYB	128, 191, 189
Decimal	8568704
CIELab	72.00, -32.18, 25.72
CIElCh	72, 41.192, 141.362
Yxy	43.6590, 0.3097, 0.4251
Android (android.graphics.Color)	4286758784 (0xFF82BF80)
YUV	165.5790, -18.5264, -31.2028
Hunter-Lab	66.0750, -29.7052, 21.8200

Details

The CIELCh color **72, 41.192, 141.362** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 41.251, 325.289**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 41.406, 141.130**, and **52, 41.119, 141.239** is the 20% darker color. If you saturate the color by 10%, you get **71, 53.265, 140.453**, and if you desaturate by 10%, it is **73, 28.750, 142.164**.

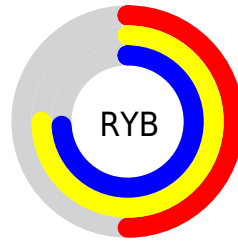
Distribution



Red (51%)

Green (75%)

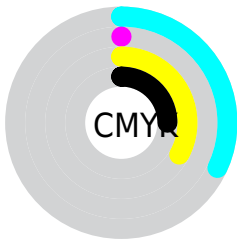
Blue (50%)



Red (50%)

Yellow (75%)

Blue (74%)

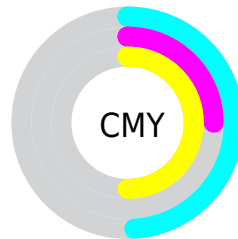


Cyan (32%)

Magenta (0%)

Yellow (33%)

Black (25%)



Cyan (49%)


Magenta (25%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 41.192, 141.362 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, 41.192, 141.362 by changing the saturation by 10% instead.


 72, 41.192,
141.362


 72, 41.192,
141.362


 100, 41.192,
141.362


 62, 41.192,
141.362


 92, 41.192,
141.362

 52, 41.192,
141.362

 42, 41.192,
141.362

 32, 41.192,
141.362

 22, 41.192,
141.362

 12, 41.192,
141.362

 2, 41.192, 141.362

■ 0, 41.192, 141.362

■ 72, 41.192,
141.362

■ 72, 41.192,
141.362

■ 71, 53.265,
140.453

■ 73, 28.750,
142.164

■ 70, 64.647,
139.455

■ 75, 16.179,
142.861

■ 69, 74.945,
138.416

■ 77, 3.666, 143.502

■ 68, 83.683,
137.426

■ 79, 8.660, 323.908

■ 68, 90.352,
136.618

■ 81, 20.708,
324.348

■ 68, 94.553,
136.122

■ 83, 32.423,
324.711

■ 85, 40.021,

■ 68, 96.279,
135.890

325.813

Harmonies

Complementary

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



72, 41.192, 141.362



62, 41.251, 325.289

Rectangle

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



72, 41.192, 141.362



72, 41.192, 191.362



72, 41.192, 321.362



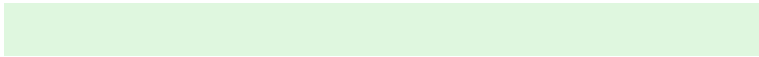
72, 41.192, 11.362

Sweetspot

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



72, 41.193, 141.362



95, 15.363, 143.040



76, 32.299, 105.558



51, 10.576, 142.950



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, 41.193, 141.362



90, 61.286, 140.674



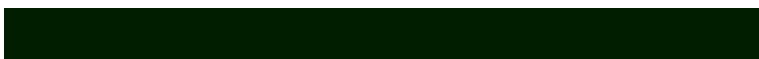
72, 29.410, 158.869



39, 6.984, 143.091



57, 83.611, 135.857



9, 21.511, 143.794

Inverse Universe

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



62, 41.251, 325.289



74, 61.306, 325.656



61, 30.411, 344.874



37, 6.999, 324.060



36, 80.969, 326.995



3, 21.126, 324.068

Previews

White Background



This preview shows how the CIELCh color 72, 41.192, 141.362 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, 41.192, 141.362 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, 41.192, 141.362

Background



This preview shows how black text looks on a background with the CIELCh color 72, 41.192, 141.362.



This preview shows how white text looks on a background with the CIELCh color 72, 41.192, 141.362.

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

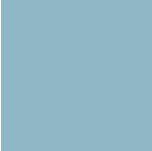
72, 41.192, 141.362

Protanopia

72, 29.659, 95.847

Deuteranopia

72, 25.419, 69.575



Tritanopia
72, 15.279, 228.606

Trichromacy



Original Color
72, 41.192, 141.362

Protanomaly
72, 31.552, 117.568

Deuteranomaly
71, 24.801, 105.804

Tritanomaly
72, 18.914, 174.072

Monochromacy



Original Color
72, 41.192, 141.362

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 15.209, 142.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 41.192, 141.362 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(130, 191, 128)` looks like.

```
.text, #text, p{  
    color:rgb(130, 191, 128)  
}
```

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(130, 191, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 191, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 41.192, 141.362 is called "border". The border property can be set on classes, ids or directly on the HTML element.

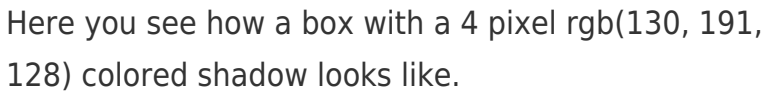
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 191, 128) }
```

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

```
.border{ border-color:rgb(130, 191, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(130, 191, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 191, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 191, 128); box-shadow:4px 4px 4px 4px rgb(130, 191, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 41.192, 141.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 191, 128) }
```

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

```
.background{ background-color: rgb(130,  
191, 128) }
```

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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