

Converting Colors

CIELCh(72, 43.269, 137.940)

Have a look what the booklet for
CIELCh(72, 43.269, 137.940)
contains.

CIELCh(72, 43.269, 137.940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 43.269, 137.940)

Conversions

Conversions Part 1

Format	Color
Hex	85BF7A
RGB	133, 191, 122
RGB Percent	52%, 75%, 48%
CMY	0.4784, 0.2509, 0.5215
CMYK	0.30, 0.00, 0.36, 0.25
HSL	110°, 35%, 61%
HSV	110°, 36%, 75%
XYZ	31.8210, 43.6590, 25.1655
YIQ	165.7920, -12.4190, -33.7550

Conversions

Conversions Part 2

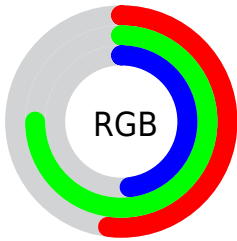
Format	Color
RYB	122, 191, 180
Decimal	8765306
CIELab	72.00, -32.12, 28.99
CIElCh	72, 43.269, 137.940
Yxy	43.6590, 0.3162, 0.4338
Android (android.graphics.Color)	4286955386 (0xFF85BF7A)
YUV	165.7920, -21.5895, -28.7586
Hunter-Lab	66.0750, -29.6676, 23.6711

Details

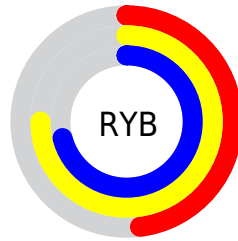
The CIELCh color **72, 43.269, 137.940** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **59, 43.782, 321.634**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 43.427, 137.855**, and **52, 43.246, 137.722** is the 20% darker color. If you saturate the color by 10%, you get **71, 54.798, 137.215**, and if you desaturate by 10%, it is **73, 31.376, 138.611**.

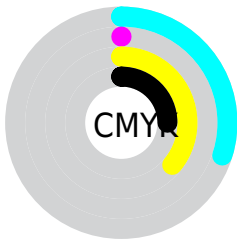
Distribution



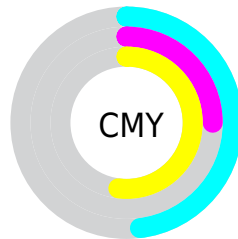
- Red (52%)
- Green (75%)
- Blue (48%)



- Red (48%)
- Yellow (75%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (36%)
- Black (25%)





- Cyan (48%)
- Magenta (25%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.269, 137.940 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, 43.269, 137.940 by changing the saturation by 10% instead.


 72, 43.269,
137.940


 72, 43.269,
137.940


 100, 43.269,
137.940


 62, 43.269,
137.940


 92, 43.269,
137.940

 52, 43.269,
137.940

 42, 43.269,
137.940

 32, 43.269,
137.940

 22, 43.269,
137.940

 12, 43.269,
137.940

 2, 43.269, 137.940

■ 0, 43.269, 137.940

■ 72, 43.269,
137.940

■ 72, 43.269,
137.940

■ 71, 54.798,
137.215

■ 73, 31.376,
138.611

■ 70, 65.668,
136.470

■ 75, 19.333,
139.213

■ 69, 75.500,
135.772

■ 76, 7.302, 139.755

■ 69, 83.819,
135.227

■ 78, 4.601, 320.133

■ 68, 90.119,
134.962

■ 80, 16.296,
320.555

■ 68, 94.066,
135.065

■ 82, 27.729,
320.893

■ 84, 38.544,

■ 68, 95.199,
135.104

321.453

■ 85, 40.123,
325.817

Harmonies

Complementary

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



72, 43.269, 137.940



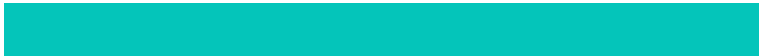
59, 43.782, 321.634

Rectangle

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



72, 43.269, 137.940



72, 43.269, 187.940



72, 43.269, 317.940



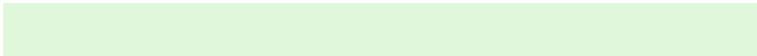
72, 43.269, 7.940

Sweetspot

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



72, 43.270, 137.941



95, 16.234, 139.487



73, 31.175, 98.247



51, 11.004, 139.412



99, 0.012, 296.813



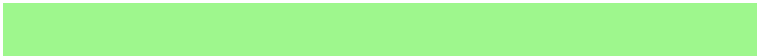
52, 0.007, 296.813

Same Dimension

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



72, 43.270, 137.941



90, 63.181, 137.396



72, 35.713, 152.559



39, 6.706, 139.584



57, 82.637, 134.989



9, 20.854, 141.293

Inverse Universe

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



59, 43.782, 321.634



71, 64.005, 321.940



60, 36.249, 338.439



37, 6.737, 320.416



33, 81.914, 322.223



3, 19.897, 318.488

Previews

White Background



This preview shows how the CIELCh color 72, 43.269, 137.940 looks on a white background.

Color Contrast Check

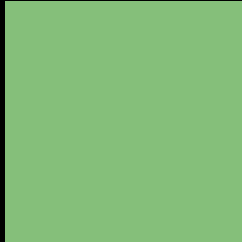
Large Text (above 18pt) WCAG AA × Fail

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, 43.269, 137.940 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, 43.269, 137.940

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.269, 137.940.



This preview shows how white text looks on a background with the CIELCh color 72, 43.269, 137.940.

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, 43.269, 137.940

Protanopia
72, 32.846, 95.800

Deuteranopia
72, 28.231, 71.198



Tritanopia
72, 14.216, 231.220

Trichromacy



Original Color
72, 43.269, 137.940

Protanomaly
71, 33.936, 114.552

Deuteranomaly
71, 27.540, 103.098

Tritanomaly
72, 18.295, 169.459

Monochromacy



Original Color
72, 43.269, 137.940

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 15.935, 139.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.269, 137.940 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(133, 191, 122)` looks like.

```
.text, #text, p{  
    color:rgb(133, 191, 122)  
}
```

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(133, 191, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 191, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.269, 137.940 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(133, 191, 122) }
```

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

```
.border{ border-color:rgb(133, 191, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 191, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 191, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 191, 122);  
box-shadow:4px 4px 4px 4px rgb(133, 191,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.269, 137.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 191, 122) }
```

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

```
.background{ background-color: rgb(133,  
191, 122) }
```

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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