

Converting Colors

CIELCh(72, 26.529, 183.042)

Have a look what the booklet for
CIELCh(72, 26.529, 183.042)
contains.

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Color

CIELCh(72, 26.432, 182.942)

Conversions

Conversions Part 1

Format	Color
Hex	72BEB2
RGB	114, 190, 178
RGB Percent	45%, 75%, 70%
CMY	0.5526, 0.2546, 0.3017
CMYK	0.40, 0.00, 0.06, 0.25
HSL	171°, 37%, 60%
HSV	171°, 40%, 75%
XYZ	33.4220, 43.6590, 48.8238
YIQ	165.9080, -41.4440, -19.8440

Conversions

Conversions Part 2

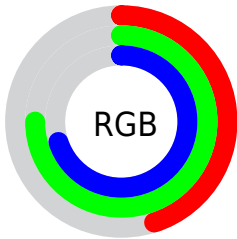
Format	Color
RYB	114, 155, 190
Decimal	7519922
CIELab	72.00, -26.40, -1.36
CIELCh	72, 26.432, 182.942
Yxy	43.6590, 0.2655, 0.3468
Android (android.graphics.Color)	4285710002 (0xFF72BEB2)
YUV	165.9080, 5.9614, -45.5233
Hunter-Lab	66.0750, -25.3425, 2.4422

Details

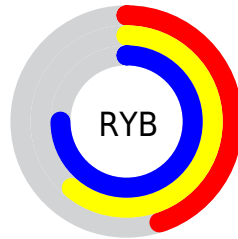
The CIELCh color **72, 26.432, 182.942** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 32.051, 11.345**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 26.598, 182.980**, and **52, 26.311, 182.636** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.823, 181.917**, and if you desaturate by 10%, it is **73, 20.437, 183.905**.

Distribution



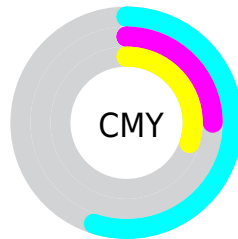
- Red (45%)
- Green (75%)
- Blue (70%)



- Red (45%)
- Yellow (61%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (55%)
- Magenta (25%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.432, 182.942 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, 26.432, 182.942 by changing the saturation by 10% instead.


 72, 26.432,
182.942


 72, 26.432,
182.942


 100, 26.432,
182.942


 62, 26.432,
182.942


 92, 26.432,
182.942

 52, 26.432,
182.942

 42, 26.432,
182.942

 32, 26.432,
182.942

 22, 26.432,
182.942

 12, 26.432,
182.942

 2, 26.432, 182.942

0, 26.432, 182.942

72, 26.432,
182.942

72, 26.432,
182.942

71, 31.823,
181.917

73, 20.437,
183.905

70, 36.500,
180.818

74, 13.953,
184.828

70, 40.384,
179.623

76, 7.099, 185.737

69, 43.437,
178.310

77, 0.017, 335.075

79, 7.293, 7.260

69, 45.678,
176.859

80, 14.656, 8.089

69, 47.292,
175.296

82, 22.041, 8.875

■ 69, 47.295,
175.293

■ 83, 25.220, 7.126

■ 83, 25.518, 3.662

Harmonies

Complementary

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



72, 26.432, 182.942



57, 32.051, 11.345

Rectangle

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



72, 26.432, 182.942



72, 26.432, 232.942



72, 26.432, 2.942



72, 26.432, 52.942

Sweetspot

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



72, 26.433, 182.940



95, 10.530, 185.534



71, 47.480, 137.478



51, 7.026, 185.414



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, 26.433, 182.940



90, 38.035, 182.044



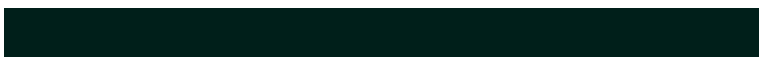
65, 21.009, 240.808



39, 4.010, 185.797



58, 41.157, 175.537



9, 12.742, 180.208

Inverse Universe

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



57, 32.051, 11.345



68, 48.334, 13.067



62, 26.479, 52.864



37, 4.178, 7.279



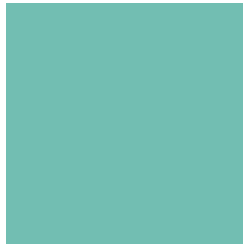
33, 66.413, 31.764



3, 12.431, 10.386

Previews

White Background



This preview shows how the CIELCh color 72, 26.432, 182.942 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, 26.432, 182.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

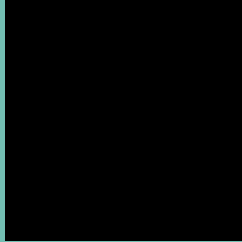
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

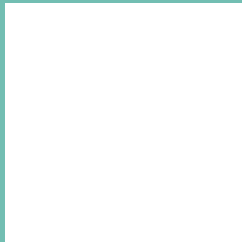
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 26.432, 182.942

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.432, 182.942.

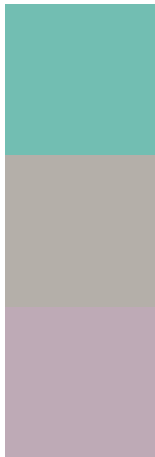


This preview shows how white text looks on a background with the CIELCh color 72, 26.432, 182.942.

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](#).

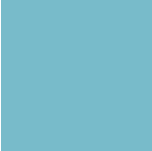
Dichromacy



Original Color
72, 26.432, 182.942

Protanopia
72, 3.758, 79.342

Deuteranopia
72, 9.976, 339.389



Tritanopia
72, 22.466, 219.410

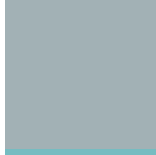
Trichromacy



Original Color
72, 26.432, 182.942



Protanomaly
71, 9.917, 172.509



Deuteranomaly
71, 5.821, 221.146

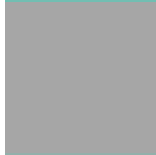


Tritanomaly
72, 22.753, 204.635

Monochromacy



Original Color
72, 26.432, 182.942



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 10.627, 183.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.432, 182.942 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(114, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(114, 190, 178)  
}
```

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(114, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 190, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.432, 182.942 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(114, 190, 178) }
```

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

```
.border{ border-color:rgb(114, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 190, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 190, 178); box-shadow:4px 4px 4px 4px rgb(114, 190, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.432, 182.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 190, 178) }
```

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

```
.background{ background-color: rgb(114,  
190, 178) }
```

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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