

Converting Colors

CIELCh(73, 46.491, 144.600)

Have a look what the booklet for
CIELCh(73, 46.491, 144.600)
contains.

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Color

CIELCh(73, 46.304, 144.426)

Conversions

Conversions Part 1

Format	Color
Hex	78C480
RGB	120, 196, 128
RGB Percent	47%, 77%, 50%
CMY	0.5285, 0.2304, 0.4971
CMYK	0.39, 0.00, 0.35, 0.23
HSL	126°, 39%, 62%
HSV	126°, 39%, 77%
XYZ	31.4848, 45.1644, 27.5583
YIQ	165.5240, -23.4680, -37.2600

Conversions

Conversions Part 2

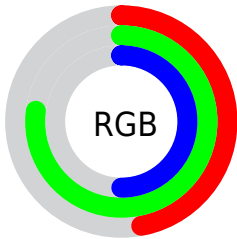
Format	Color
RYB	120, 189, 196
Decimal	7914624
CIELab	73.00, -37.66, 26.94
CIELCh	73, 46.304, 144.426
Yxy	45.1644, 0.3021, 0.4334
Android (android.graphics.Color)	4286104704 (0xFF78C480)
YUV	165.5240, -18.4993, -39.9245
Hunter-Lab	67.2044, -33.9818, 22.7303

Details

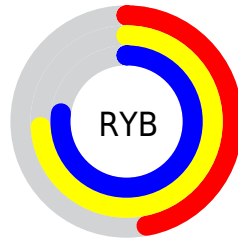
The CIELCh color **73, 46.304, 144.426** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **61, 46.273, 329.685**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 46.399, 144.332**, and **53, 46.571, 144.476** is the 20% darker color. If you saturate the color by 10%, you get **72, 57.606, 143.331**, and if you desaturate by 10%, it is **74, 34.519, 145.382**.

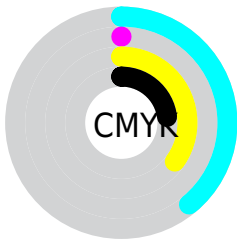
Distribution



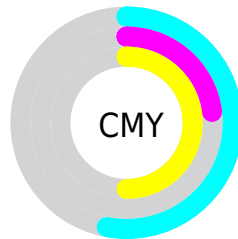
- Red (47%)
- Green (77%)
- Blue (50%)



- Red (47%)
- Yellow (74%)
- Blue (77%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (23%)





- Cyan (53%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 46.304, 144.426 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 73, 46.304, 144.426 by changing the saturation by 10% instead.


 73, 46.304,
144.426


 73, 46.304,
144.426


 100, 46.304,
144.426


 63, 46.304,
144.426


 93, 46.304,
144.426

 53, 46.304,
144.426

 43, 46.304,
144.426

 33, 46.304,
144.426

 23, 46.304,
144.426

 13, 46.304,
144.426

 3, 46.304, 144.426

0, 46.304, 144.426

73, 46.304,
144.426

73, 46.304,
144.426

72, 57.606,
143.331

74, 34.519,
145.382

71, 68.128,
142.101

76, 22.496,
146.208

70, 77.542,
140.767

78, 10.435,
146.925

70, 85.498,
139.394

79, 1.514, 327.314

69, 91.655,
138.089

82, 13.240,
327.992

69, 95.800,
137.021

84, 24.672,
328.443

■ 69, 96.200,
136.926

■ 86, 35.257,
327.559

■ 86, 36.849,
325.705

Harmonies

Complementary

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



73, 46.304, 144.426



61, 46.273, 329.685

Rectangle

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



73, 46.304, 144.426



73, 46.304, 194.426



73, 46.304, 324.426



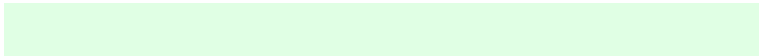
73, 46.304, 14.426

Sweetspot

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



73, 46.305, 144.426



97, 17.778, 146.687



77, 39.905, 110.981



52, 11.800, 146.593



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 46.305, 144.426



91, 67.451, 143.563



74, 31.480, 165.478



40, 6.709, 146.882



57, 82.603, 137.092



10, 23.066, 146.018

Inverse Universe

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



61, 46.273, 329.685



73, 67.183, 330.147



59, 33.959, 353.680



38, 6.723, 327.941



37, 75.398, 332.860



4, 21.948, 330.168

Previews

White Background



This preview shows how the CIELCh color 73, 46.304, 144.426 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 73, 46.304, 144.426 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 73, 46.304, 144.426

Background



This preview shows how black text looks on a background with the CIELCh color 73, 46.304, 144.426.



This preview shows how white text looks on a background with the CIELCh color 73, 46.304, 144.426.

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

73, 46.304, 144.426

Protanopia

73, 31.241, 95.497

Deuteranopia

73, 26.070, 69.554



Tritanopia
73, 18.637, 224.354

Trichromacy



Original Color
73, 46.304, 144.426



Protanomaly
72, 33.345, 119.706



Deuteranomaly
72, 25.813, 110.342

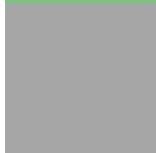


Tritanomaly
73, 22.655, 176.468

Monochromacy



Original Color
73, 46.304, 144.426



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 17.425, 146.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 46.304, 144.426 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(120, 196, 128)` looks like.

```
.text, #text, p{  
    color:rgb(120, 196, 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(120, 196, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 196, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 46.304, 144.426 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(120, 196, 128) }
```

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

```
.border{ border-color:rgb(120, 196, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 196, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 196, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 196, 128);  
box-shadow:4px 4px 4px 4px rgb(120, 196,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 46.304, 144.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 196, 128) }
```

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

```
.background{ background-color: rgb(120,  
196, 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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