

Converting Colors

CIELCh(73, 25.396, 163.634)

Have a look what the booklet for
CIELCh(73, 25.396, 163.634)
contains.

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Color

CIELCh(73, 25.374, 163.651)

Conversions

Conversions Part 1

Format	Color
Hex	85BFA5
RGB	133, 191, 165
RGB Percent	52%, 75%, 65%
CMY	0.4771, 0.2495, 0.3516
CMYK	0.30, 0.00, 0.14, 0.25
HSL	153°, 31%, 64%
HSV	153°, 30%, 75%
XYZ	35.2615, 45.1644, 42.6241
YIQ	170.6940, -26.2220, -20.3820

Conversions

Conversions Part 2

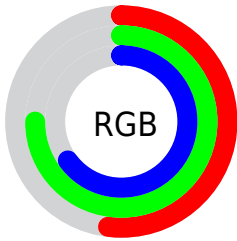
Format	Color
RYB	133, 170, 191
Decimal	8765349
CIELab	73.00, -24.35, 7.14
CIELCh	73, 25.374, 163.651
Yxy	45.1644, 0.2866, 0.3670
Android (android.graphics.Color)	4286955429 (0xFF85BFA5)
YUV	170.6940, -2.8071, -33.0576
Hunter-Lab	67.2044, -23.9506, 9.4387

Details

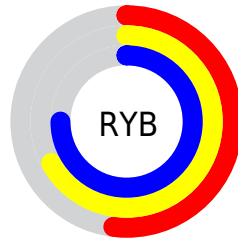
The CIELCh color $73, 25.374, 163.651$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 26.617, 349.499$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 25.739, 163.632$, and $53, 25.321, 163.665$ is the 20% darker color. If you saturate the color by 10%, you get $72, 33.315, 162.471$, and if you desaturate by 10%, it is $74, 17.137, 164.710$.

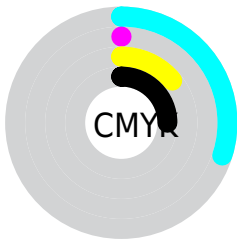
Distribution



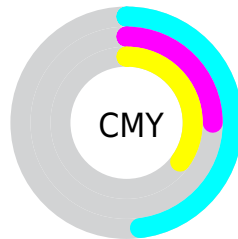
- Red (52%)
- Green (75%)
- Blue (65%)



- Red (52%)
- Yellow (67%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)





- Cyan (48%)
- Magenta (25%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 25.374, 163.651 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, 25.374, 163.651 by changing the saturation by 10% instead.


 73, 25.374,
163.651


 73, 25.374,
163.651


 100, 25.374,
163.651


 63, 25.374,
163.651


 93, 25.374,
163.651

 53, 25.374,
163.651

 43, 25.374,
163.651

 33, 25.374,
163.651

 23, 25.374,
163.651

 13, 25.374,
163.651

 3, 25.374, 163.651

■ 0, 25.374, 163.651

■ 73, 25.374,
163.651

■ 73, 25.374,
163.651

■ 72, 33.315,
162.471

■ 74, 17.137,
164.710

■ 71, 40.816,
161.148

■ 76, 8.729, 165.683

■ 70, 47.739,
159.657

■ 77, 0.262, 168.068

■ 79, 8.173, 347.245

■ 69, 53.965,
157.973

■ 81, 16.508,
348.004

■ 69, 59.417,
156.080

■ 83, 24.692,
348.696

■ 69, 64.080,
153.979

■ 84, 29.066,
343.992

■ 68, 67.991,
151.830

■ 84, 31.798,
337.382

■ 85, 34.912,
331.954

Harmonies

Complementary

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



73, 25.374, 163.651



62, 26.617, 349.499

Rectangle

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



73, 25.374, 163.651



73, 25.374, 213.651



73, 25.374, 343.651



73, 25.374, 33.651

Sweetspot

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



73, 25.375, 163.650



96, 9.458, 165.794



74, 33.430, 129.421



51, 6.570, 165.655



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 25.375, 163.650



92, 37.148, 162.926



73, 18.581, 202.905



40, 4.846, 165.772



58, 59.346, 152.158



10, 17.770, 158.816

Inverse Universe

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



62, 26.617, 349.499



76, 39.330, 350.282



62, 22.955, 25.707



38, 4.922, 347.292



34, 59.760, 6.404



3, 15.419, 355.389

Previews

White Background



This preview shows how the CIELCh color 73, 25.374, 163.651 looks on a white background.

Color Contrast Check

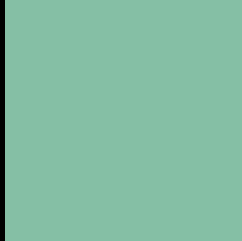
Large Text (above 18pt) WCAG AA × Fail

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, 25.374, 163.651 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, 25.374, 163.651

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.374, 163.651.



This preview shows how white text looks on a background with the CIELCh color 73, 25.374, 163.651.

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

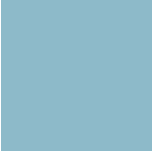
73, 25.374, 163.651

Protanopia

73, 11.254, 92.912

Deuteranopia

73, 10.608, 29.004



Tritanopia
73, 16.802, 227.601

Trichromacy



Original Color
73, 25.374, 163.651

Protanomaly
73, 13.426, 136.077

Deuteranomaly
72, 6.162, 123.870

Tritanomaly
73, 17.149, 198.089

Monochromacy



Original Color
73, 25.374, 163.651

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 9.278, 166.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.374, 163.651 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(133, 191, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 191, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.374, 163.651 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, 165) }
```

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

```
.border{ border-color:rgb(133, 191, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(133, 191,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.374, 163.651 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, 165) }
```

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

```
.background{ background-color: rgb(133,  
191, 165) }
```

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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