

Converting Colors

CIELCh(73, 25.137, 163.595)

Have a look what the booklet for
CIELCh(73, 25.137, 163.595)
contains.

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Color

CIELCh(73, 25.103, 163.269)

Conversions

Conversions Part 1

Format	Color
Hex	86BFA5
RGB	134, 191, 165
RGB Percent	53%, 75%, 65%
CMY	0.4737, 0.2501, 0.3521
CMYK	0.30, 0.00, 0.14, 0.25
HSL	153°, 31%, 64%
HSV	153°, 30%, 75%
XYZ	35.3522, 45.1644, 42.5506
YIQ	170.9930, -25.6260, -20.1700

Conversions

Conversions Part 2

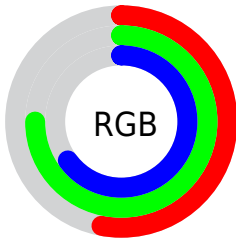
Format	Color
RYB	134, 171, 191
Decimal	8830885
CIELab	73.00, -24.04, 7.23
CIElCh	73, 25.103, 163.269
Yxy	45.1644, 0.2873, 0.3670
Android (android.graphics.Color)	4287020965 (0xFF86BFA5)
YUV	170.9930, -2.9545, -32.4429
Hunter-Lab	67.2044, -23.7097, 9.5036

Details

The CIELCh color **73, 25.103, 163.269** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 26.267, 348.966**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 25.473, 163.252**, and **53, 25.056, 163.304** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.117, 162.098**, and if you desaturate by 10%, it is **74, 16.804, 164.319**.

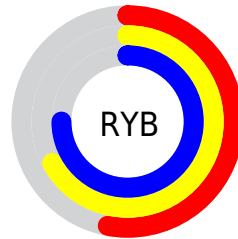
Distribution



Red (53%)

Green (75%)

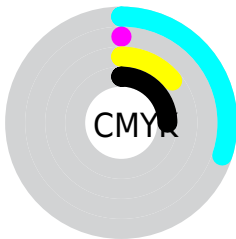
Blue (65%)



Red (53%)

Yellow (67%)

Blue (75%)

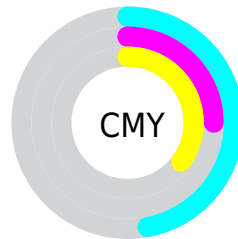


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (47%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 25.103, 163.269 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, 25.103, 163.269 by changing the saturation by 10% instead.


 73, 25.103,
163.269


 73, 25.103,
163.269


 100, 25.103,
163.269


 63, 25.103,
163.269


 93, 25.103,
163.269

 53, 25.103,
163.269

 43, 25.103,
163.269

 33, 25.103,
163.269

 23, 25.103,
163.269

 13, 25.103,
163.269

 3, 25.103, 163.269

■ 0, 25.103, 163.269

■ 73, 25.103,
163.269

■ 73, 25.103,
163.269

■ 72, 33.117,
162.098

■ 74, 16.804,
164.319

■ 71, 40.700,
160.784

■ 76, 8.345, 165.285

■ 70, 47.716,
159.302

■ 77, 0.164, 343.606

■ 79, 8.633, 346.831

■ 69, 54.041,
157.627

■ 81, 16.994,
347.580

■ 69, 59.593,
155.745

■ 83, 25.198,
348.263

■ 69, 64.353,
153.653

■ 84, 29.408,
343.225

■ 68, 68.462,
151.434

■ 84, 32.234,
336.666

■ 68, 68.536,
151.395

■ 85, 35.443,
331.300

Harmonies

Complementary

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



73, 25.103, 163.269



62, 26.267, 348.966

Rectangle

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



73, 25.103, 163.269



73, 25.103, 213.269



73, 25.103, 343.269



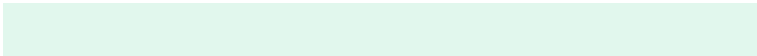
73, 25.103, 33.269

Sweetspot

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



73, 25.104, 163.268



96, 9.431, 165.349



74, 32.715, 128.868



51, 6.607, 165.210



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, 25.104, 163.268



91, 37.074, 162.492



73, 18.603, 201.199



39, 4.767, 165.330



57, 59.117, 151.754



9, 16.103, 158.946

Inverse Universe

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



62, 26.267, 348.966



75, 39.166, 349.796



62, 22.855, 24.353



37, 4.839, 346.835



33, 59.072, 5.587



3, 13.632, 354.158

Previews

White Background



This preview shows how the CIELCh color 73, 25.103, 163.269 looks on a white background.

Color Contrast Check

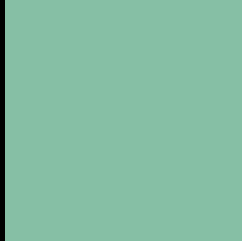
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 25.103, 163.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

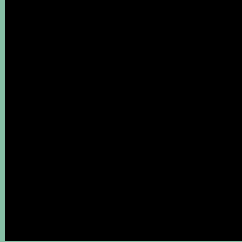
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 25.103, 163.269

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.103, 163.269.



This preview shows how white text looks on a background with the CIELCh color 73, 25.103, 163.269.

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, 25.103, 163.269

Protanopia

73, 11.254, 92.912

Deuteranopia

73, 10.608, 29.004



Tritanopia
73, 16.538, 228.129

Trichromacy



Original Color
73, 25.103, 163.269

Protanomaly
73, 13.426, 136.077

Deuteranomaly
72, 6.162, 123.870

Tritanomaly
73, 16.838, 198.114

Monochromacy



Original Color
73, 25.103, 163.269

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 8.972, 165.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.103, 163.269 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(134, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(134, 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(134, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 191, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.103, 163.269 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(134, 191, 165) }
```

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

```
.border{ border-color:rgb(134, 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(134, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(134, 191,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.103, 163.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 191, 165) }
```

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

```
.background{ background-color: rgb(134,  
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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