

Converting Colors

CIELCh(81, 40.254, 206.759)

Have a look what the booklet for
CIELCh(81, 40.254, 206.759)
contains.

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Color

CIELCh(81, 40.322, 206.792)

Conversions

Conversions Part 1

Format	Color
Hex	3BDDEA
RGB	59, 221, 234
RGB Percent	23%, 87%, 92%
CMY	0.7697, 0.1340, 0.0830
CMYK	0.75, 0.06, 0.00, 0.08
HSL	184°, 81%, 57%
HSV	184°, 75%, 92%
XYZ	42.4223, 58.4711, 86.7593
YIQ	174.0440, -100.7250, -30.3010

Conversions

Conversions Part 2

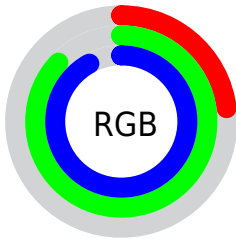
Format	Color
RYB	59, 143, 234
Decimal	3923434
CIELab	81.00, -35.99, -18.18
CIELCh	81, 40.322, 206.792
Yxy	58.4711, 0.2261, 0.3116
Android (android.graphics.Color)	4282113514 (0xFF3BDDEA)
YUV	174.0440, 29.5583, -100.8936
Hunter-Lab	76.4664, -34.7874, -13.7444

Details

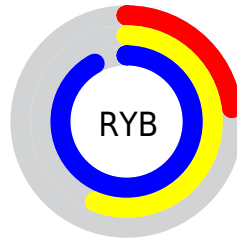
The CIELCh color **81, 40.322, 206.792** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **54, 75.167, 35.237**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.800, 197.221**, and **62, 34.914, 208.885** is the 20% darker color. If you saturate the color by 10%, you get **80, 41.918, 207.634**, and if you desaturate by 10%, it is **82, 37.722, 206.182**.

Distribution



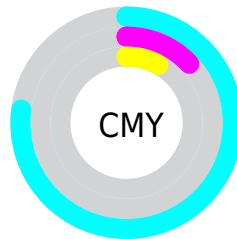
- Red (23%)
- Green (87%)
- Blue (92%)



- Red (23%)
- Yellow (56%)
- Blue (92%)



- Cyan (75%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)





- Cyan (77%)
- Magenta (13%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 40.322, 206.792 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 81, 40.322, 206.792 by changing the saturation by 10% instead.


 81, 40.322,
206.792


 81, 40.322,
206.792


 100, 40.322,
206.792


 71, 40.322,
206.792

 61, 40.322,
206.792

 51, 40.322,
206.792

 41, 40.322,
206.792

 31, 40.322,
206.792

 21, 40.322,
206.792

 11, 40.322,

206.792

■ 1, 40.322, 206.792

■ 0, 40.322, 206.792

■ 81, 40.322,
206.792

■ 81, 40.322,
206.792

■ 80, 41.918,
207.634

■ 82, 37.722,
206.182

■ 80, 42.599,
208.728

■ 83, 34.109,
205.781

■ 79, 42.714,
209.362

■ 84, 29.533,
205.560

■ 86, 24.086,
205.493

■ 88, 17.885,

205.557

■ 90, 11.058,
205.738

■ 92, 3.728, 206.092

■ 94, 3.987, 26.074

■ 95, 6.818, 31.093

Harmonies

Complementary

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



81, 40.322, 206.792



54, 75.167, 35.237

Rectangle

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



81, 40.322, 206.792



81, 40.322, 256.792



81, 40.322, 26.792



81, 40.322, 76.792

Sweetspot

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



81, 40.321, 206.791



95, 17.130, 205.596



82, 97.046, 138.912



50, 11.400, 205.558



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 40.321, 206.791



86, 45.273, 208.208



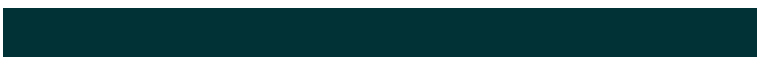
56, 57.755, 280.258



48, 4.296, 205.891



63, 35.311, 209.129



18, 15.293, 207.098

Inverse Universe

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



58, 93.302, 330.521



60, 107.372, 331.132



71, 63.679, 71.729



46, 8.039, 327.022



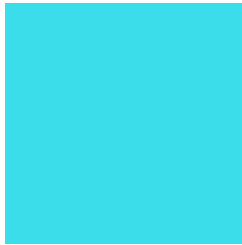
42, 84.315, 331.421



9, 36.414, 330.922

Previews

White Background



This preview shows how the CIE LCh color 81, 40.322, 206.792 looks on a white background.

Color Contrast Check

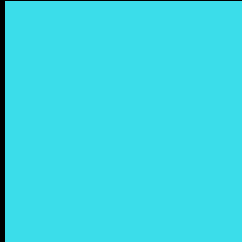
Large Text (above 18pt) WCAG AA × Fail

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 81, 40.322, 206.792 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 81, 40.322, 206.792

Background



This preview shows how black text looks on a background with the CIELCh color 81, 40.322, 206.792.



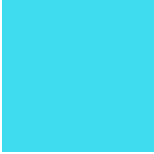
This preview shows how white text looks on a background with the CIELCh color 81, 40.322, 206.792.

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



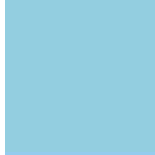


Tritanopia
81, 39.701, 211.027

Trichromacy



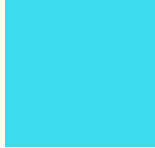
Original Color
81, 40.322, 206.792



Protanomaly
79, 20.840, 225.869



Deuteranomaly
79, 24.519, 246.663

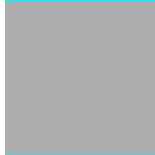


Tritanomaly
81, 39.836, 209.352

Monochromacy



Original Color
81, 40.322, 206.792



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 19.682, 205.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 40.322, 206.792 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(59, 221, 234)` looks like.

```
.text, #text, p{  
    color:rgb(59, 221, 234)  
}
```

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(59, 221, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 221, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 40.322, 206.792 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(59, 221, 234) }
```

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

```
.border{ border-color:rgb(59, 221, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 221, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 221, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 221, 234);  
box-shadow:4px 4px 4px 4px rgb(59, 221,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 40.322, 206.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 221, 234) }
```

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

```
.background{ background-color: rgb(59, 221,  
234) }
```

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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