

Converting Colors

CIELCh(82, 24.259, 206.660)

Have a look what the booklet for
CIELCh(82, 24.259, 206.660)
contains.

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Color

CIELCh(82, 24.259, 206.663)

Conversions

Conversions Part 1

Format	Color
Hex	8CD8DF
RGB	140, 216, 223
RGB Percent	55%, 85%, 87%
CMY	0.4493, 0.1512, 0.1238
CMYK	0.37, 0.03, 0.00, 0.12
HSL	185°, 57%, 71%
HSV	185°, 37%, 88%
XYZ	48.9326, 60.2982, 79.1795
YIQ	194.0740, -47.5430, -13.9350

Conversions

Conversions Part 2

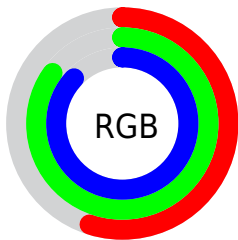
Format	Color
RYB	140, 180, 223
Decimal	9230559
CIELab	82.00, -21.68, -10.89
CIELCh	82, 24.259, 206.663
Yxy	60.2982, 0.2597, 0.3200
Android (android.graphics.Color)	4287420639 (0xFF8CD8DF)
YUV	194.0740, 14.2605, -47.4229
Hunter-Lab	77.6519, -23.4084, -6.1000

Details

The CIELCh color **82, 24.259, 206.663** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 31.865, 29.157**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.012, 198.250**, and **62, 24.163, 206.866** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.291, 206.829**, and if you desaturate by 10%, it is **84, 18.483, 206.637**.

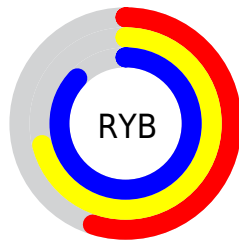
Distribution



Red (55%)

Green (85%)

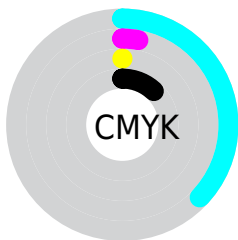
Blue (87%)



Red (55%)

Yellow (71%)

Blue (87%)

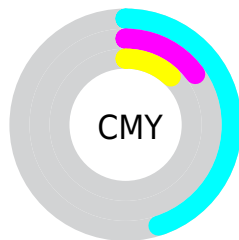


Cyan (37%)

Magenta (3%)

Yellow (0%)

Black (12%)



Cyan (45%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 24.259, 206.663 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 82, 24.259, 206.663 by changing the saturation by 10% instead.

 82, 24.259,
206.663

 82, 24.259,
206.663


 100, 24.259,
206.663

 72, 24.259,
206.663

 62, 24.259,
206.663

 52, 24.259,
206.663

 42, 24.259,
206.663

 32, 24.259,
206.663

 22, 24.259,
206.663

 12, 24.259,

206.663

■ 2, 24.259, 206.663

■ 0, 24.259, 206.663

■ 82, 24.259,
206.663

■ 82, 24.259,
206.663

■ 81, 29.291,
206.829

■ 84, 18.483,
206.637

■ 79, 33.472,
207.172

■ 85, 12.084,
206.741

■ 78, 36.719,
207.719

■ 87, 5.181, 206.988

■ 77, 38.996,
208.503

■ 90, 2.113, 26.839

■ 92, 9.701, 27.373

■ 76, 40.325,

209.553

93, 10.238, 32.471

76, 40.818,
210.885

93, 9.833, 38.763

75, 40.887,
211.292

93, 9.559, 45.501

94, 9.424, 52.527

Harmonies

Complementary

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



82, 24.259, 206.663



69, 31.865, 29.157

Rectangle

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



82, 24.259, 206.663



82, 24.259, 256.663



82, 24.259, 26.663



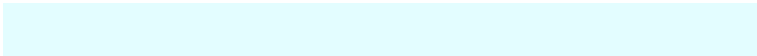
82, 24.259, 76.663

Sweetspot

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



82, 24.259, 206.660



97, 8.782, 206.866



82, 50.157, 143.927



52, 5.879, 206.833



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 24.259, 206.660



91, 31.423, 206.786



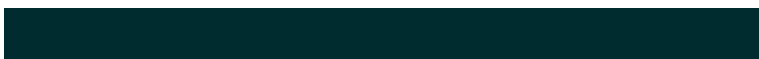
71, 28.128, 270.197



46, 4.105, 206.911



60, 34.244, 211.031



16, 14.255, 208.416

Inverse Universe

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



69, 50.084, 328.940



74, 66.772, 329.401



78, 29.637, 78.957



44, 7.697, 327.319



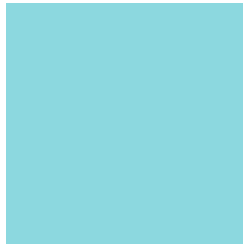
41, 81.909, 331.887



7, 33.947, 331.233

Previews

White Background



This preview shows how the CIE LCh color 82, 24.259, 206.663 looks on a white background.

Color Contrast Check

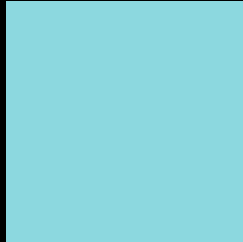
Large Text (above 18pt) WCAG AA × Fail

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 82, 24.259, 206.663 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 82, 24.259, 206.663

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.259, 206.663.



This preview shows how white text looks on a background with the CIELCh color 82, 24.259, 206.663.

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
82, 23.873, 220.353

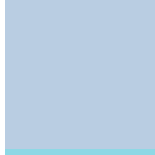
Trichromacy



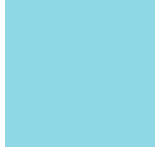
Original Color
82, 24.259, 206.663



Protanomaly
81, 10.569, 229.119



Deuteranomaly
82, 12.883, 259.335

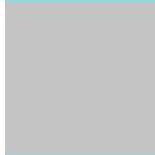


Tritanomaly
82, 23.970, 214.744

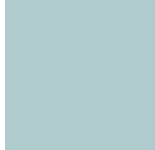
Monochromacy



Original Color
82, 24.259, 206.663



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 9.848, 204.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.259, 206.663 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(140, 216, 223)` looks like.

```
.text, #text, p{  
    color:rgb(140, 216, 223)  
}
```

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(140, 216, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 216, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.259, 206.663 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(140, 216, 223) }
```

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

```
.border{ border-color:rgb(140, 216, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 216, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 216, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 216, 223);  
box-shadow:4px 4px 4px 4px rgb(140, 216,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.259, 206.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 216, 223) }
```

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

```
.background{ background-color: rgb(140,  
216, 223) }
```

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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