

Converting Colors

CIELCh(83, 5.260, 25.500)

Have a look what the booklet for
CIELCh(83, 5.260, 25.500) contains.

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Color

CIELCh(83, 5.193, 25.495)

Conversions

Conversions Part 1

Format	Color
Hex	DACCCB
RGB	218, 204, 203
RGB Percent	85%, 80%, 80%
CMY	0.1465, 0.2014, 0.2053
CMYK	0.00, 0.06, 0.07, 0.15
HSL	4°, 17%, 82%
HSV	4°, 7%, 85%
XYZ	61.0525, 62.1629, 65.0605
YIQ	208.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

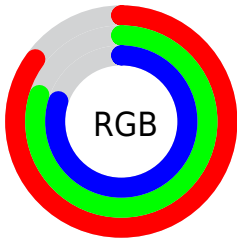
Format	Color
RYP	218, 204, 203
Decimal	14339275
CIELab	83.00, 4.69, 2.24
CIElCh	83, 5.193, 25.495
Yxy	62.1629, 0.3243, 0.3302
Android (android.graphics.Color)	4292529355 (0xFFDACCCB)
YUV	208.0720, -2.5005, 8.7069
Hunter-Lab	78.8435, 0.2455, 6.2652

Details

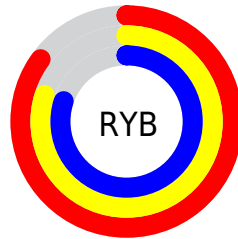
The CIELCh color **83, 5.193, 25.495** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 4.968, 205.270**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 5.127, 26.021** is the 20% darker color. If you saturate the color by 10%, you get **77, 13.260, 26.088**, and if you desaturate by 10%, it is **89, 2.251, 205.538**.

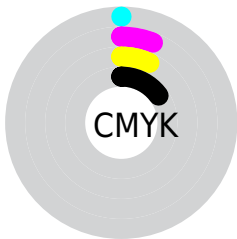
Distribution



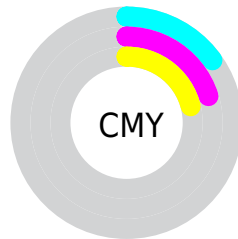
- Red (85%)
- Green (80%)
- Blue (80%)



- Red (85%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.193, 25.495 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 83, 5.193, 25.495 by changing the saturation by 10% instead.

83, 5.193, 25.495

83, 5.193, 25.495

100, 5.193, 25.495

73, 5.193, 25.495

63, 5.193, 25.495

53, 5.193, 25.495

43, 5.193, 25.495

33, 5.193, 25.495

23, 5.193, 25.495

13, 5.193, 25.495

3, 5.193, 25.495

0, 5.193, 25.495

83, 5.193, 25.495

83, 5.193, 25.495

77, 13.260, 26.088

89, 2.251, 205.538

72, 21.989, 26.797

94, 9.123, 205.090

67, 31.384, 27.746

97, 12.564,
198.667

62, 41.393, 29.016

57, 51.887, 30.688

53, 62.632, 32.818

50, 73.231, 35.367

48, 82.920, 38.024

46, 90.095, 39.975

Harmonies

Complementary

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



83, 5.193, 25.495



86, 4.968, 205.270

Rectangle

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



83, 5.193, 25.495



83, 5.193, 75.495



83, 5.193, 205.495



83, 5.193, 255.495

Sweetspot

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



83, 5.192, 25.518



99, 1.681, 25.045



83, 9.207, 326.642



53, 0.955, 25.021



0, 0.000, 0.000



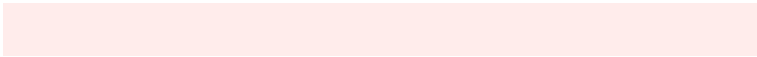
53, 0.007, 296.813

Same Dimension

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



83, 5.192, 25.518



95, 6.889, 25.586



85, 5.041, 81.344



43, 4.350, 25.662



36, 77.315, 40.729



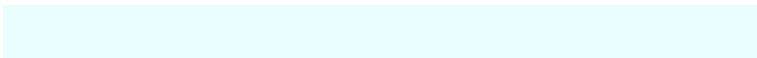
6, 22.796, 23.632

Inverse Universe

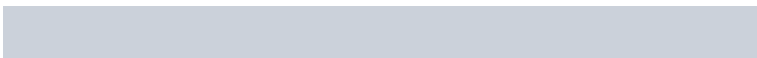
The Inverse Universe completely reimagines the original color for something new.



86, 4.968, 205.270



98, 6.541, 205.219



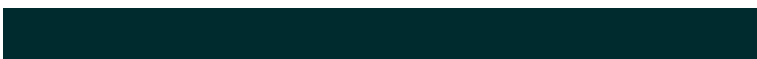
84, 5.004, 263.246



45, 4.093, 205.166



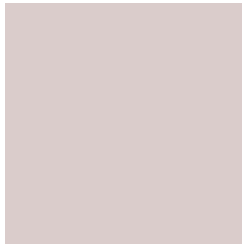
61, 34.466, 207.713



15, 14.019, 205.607

Previews

White Background



This preview shows how the CIELCh color 83, 5.193, 25.495 looks on a white background.

Color Contrast Check

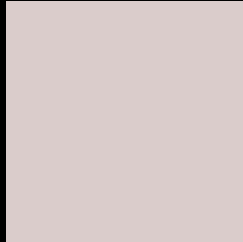
Large Text (above 18pt) WCAG AA × Fail

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 83, 5.193, 25.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

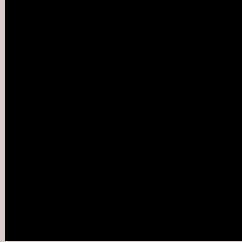
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

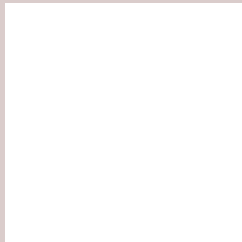
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.193, 25.495

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.193, 25.495.



This preview shows how white text looks on a background with the CIELCh color 83, 5.193, 25.495.

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

83, 5.193, 25.495

Protanopia

83, 2.100, 49.339

Deuteranopia

83, 10.539, 11.587



Tritanopia
83, 10.937, 329.591

Trichromacy



Original Color
83, 5.193, 25.495

Protanomaly
83, 2.978, 29.620

Deuteranomaly
83, 8.602, 12.992

Tritanomaly
83, 8.168, 339.728

Monochromacy



Original Color
83, 5.193, 25.495

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.193, 19.313

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 83, 5.193, 25.495 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(218, 204, 203)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 203)  
}
```

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(218, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.193, 25.495 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(218, 204, 203) }
```

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

```
.border{ border-color:rgb(218, 204, 203) }
```

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

Here you see how a box with a 4 pixel rgb(218, 204, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.193, 25.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 203) }
```

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

```
.background{ background-color: rgb(218,  
204, 203) }
```

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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