

Converting Colors

CIELCh(80, 9.979, 327.253)

Have a look what the booklet for
CIELCh(80, 9.979, 327.253) contains.

CIELCh(80, 9.924, 326.565)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(80, 9.924, 326.565)

Conversions

Conversions Part 1

Format	Color
Hex	D2C2D1
RGB	210, 194, 209
RGB Percent	82%, 76%, 82%
CMY	0.1777, 0.2405, 0.1817
CMYK	0.00, 0.08, 0.00, 0.18
HSL	304°, 15%, 79%
HSV	304°, 8%, 82%
XYZ	57.1737, 56.6813, 68.0372
YIQ	200.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

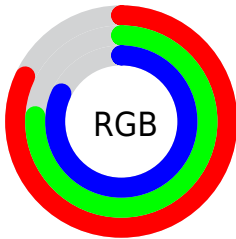
Format	Color
R _{YB}	210, 194, 209
Decimal	13812433
CIE Lab	80.00, 8.28, -5.47
CIE LCh	80, 9.924, 326.565
Yxy	56.6813, 0.3143, 0.3116
Android (android.graphics.Color)	4292002513 (0xFFD2C2D1)
YUV	200.4940, 4.1935, 8.3368
Hunter-Lab	75.2870, 3.8026, -0.8797

Details

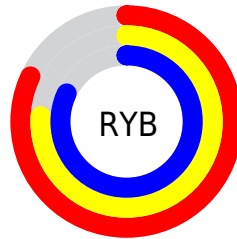
The CIELCh color $80, 9.924, 326.565$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 9.901, 145.742$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 324.451$, and $60, 10.502, 326.709$ is the 20% darker color. If you saturate the color by 10%, you get $75, 23.039, 327.149$, and if you desaturate by 10%, it is $85, 3.049, 146.128$.

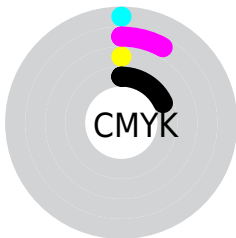
Distribution



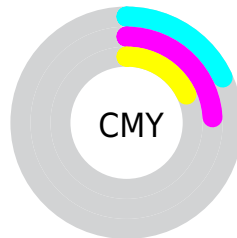
- Red (82%)
- Green (76%)
- Blue (82%)



- Red (82%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 9.924, 326.565 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 80, 9.924, 326.565 by changing the saturation by 10% instead.

80, 9.924, 326.565

80, 9.924, 326.565

100, 9.924,
326.565

70, 9.924, 326.565

60, 9.924, 326.565

50, 9.924, 326.565

40, 9.924, 326.565

30, 9.924, 326.565

20, 9.924, 326.565

10, 9.924, 326.565

0, 9.924, 326.565

80, 9.924, 326.565

80, 9.924, 326.565

75, 23.039,
327.149

85, 3.049, 146.128

70, 36.115,
327.721

91, 15.752,
145.509

65, 48.874,
328.279

96, 27.158,
145.079

61, 60.936,
328.814

96, 26.614,
145.917

57, 71.827,
329.314

96, 26.076,
146.787

54, 81.018,
329.768

96, 25.542,
147.693

52, 88.015,
330.170

96, 25.014,
148.635

50, 92.504,
330.524

96, 24.492,
149.615

49, 94.566,

96, 23.977,
150.636

330.838

Harmonies

Complementary

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



80, 9.924, 326.565



83, 9.901, 145.742

Rectangle

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



80, 9.924, 326.565



80, 9.924, 16.565



80, 9.924, 146.565



80, 9.924, 196.565

Sweetspot

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



80, 9.922, 326.565



99, 3.043, 326.171



79, 8.565, 292.858



53, 1.730, 326.160



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 9.922, 326.565



94, 13.735, 326.653



80, 7.051, 347.034



41, 7.372, 326.671



39, 80.637, 330.866



5, 29.666, 329.937

Inverse Universe

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



80, 9.922, 326.565



94, 13.735, 326.653



83, 6.958, 165.844



41, 7.372, 326.671



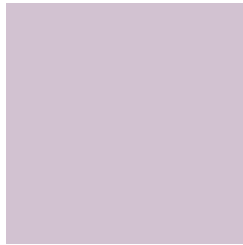
39, 80.637, 330.866



5, 29.666, 329.937

Previews

White Background



This preview shows how the CIELCh color 80, 9.924, 326.565 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 80, 9.924, 326.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

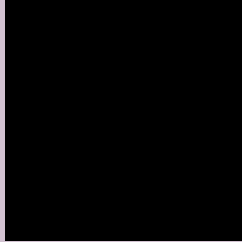
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 9.924, 326.565

Background



This preview shows how black text looks on a background with the CIELCh color 80, 9.924, 326.565.

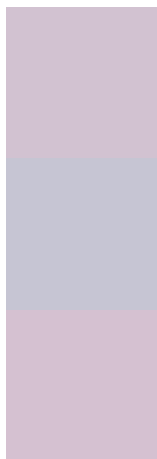


This preview shows how white text looks on a background with the CIELCh color 80, 9.924, 326.565.

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


80, 9.924, 326.565

Protanopia

80, 7.481, 293.580

Deuteranopia

80, 11.248, 331.083



Tritanopia
80, 9.924, 326.565

Trichromacy



Original Color
80, 9.924, 326.565

Protanomaly
80, 7.802, 306.841

Deuteranomaly
80, 11.016, 329.610

Tritanomaly
80, 9.924, 326.565

Monochromacy



Original Color
80, 9.924, 326.565

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 3.470, 329.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 9.924, 326.565 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(210, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(210, 194, 209)  
}
```

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(210, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 194, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 9.924, 326.565 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(210, 194, 209) }
```

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

```
.border{ border-color:rgb(210, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(210, 194,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 9.924, 326.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 194, 209) }
```

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

```
.background{ background-color: rgb(210,  
194, 209) }
```

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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