

Converting Colors

CIELCh(77, 9.887, 327.397)

Have a look what the booklet for
CIELCh(77, 9.887, 327.397) contains.

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Color

CIELCh(77, 10.227, 328.274)

Conversions

Conversions Part 1

Format	Color
Hex	CAB9C8
RGB	202, 185, 200
RGB Percent	79%, 73%, 78%
CMY	0.2071, 0.2738, 0.2150
CMYK	0.00, 0.08, 0.01, 0.21
HSL	307°, 14%, 76%
HSV	307°, 8%, 79%
XYZ	52.2377, 51.5317, 61.9465
YIQ	191.7930, 5.3170, 8.2690

Conversions

Conversions Part 2

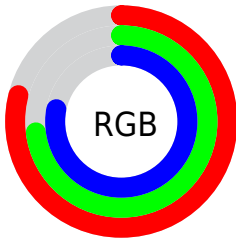
Format	Color
R_{YB}	202, 185, 200
Decimal	13285832
CIE Lab	77.00, 8.70, -5.38
CIE LCh	77, 10.227, 328.274
Yxy	51.5317, 0.3152, 0.3110
Android (android.graphics.Color)	4291475912 (0xFFCAB9C8)
YUV	191.7930, 4.0461, 8.9515
Hunter-Lab	71.7856, 4.2678, -0.9136

Details

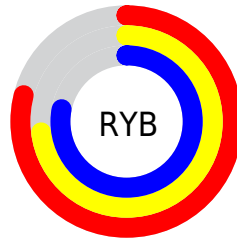
The CIELCh color `77, 10.227, 328.274` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 10.201, 147.330`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 8.725, 324.710`, and `57, 10.156, 328.638` is the 20% darker color. If you saturate the color by 10%, you get `72, 22.492, 328.881`, and if you desaturate by 10%, it is `82, 1.909, 147.877`.

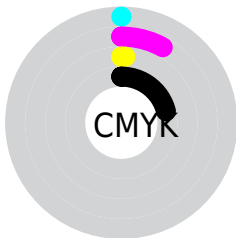
Distribution



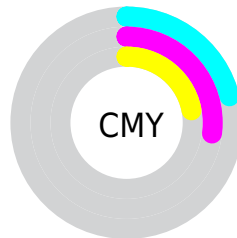
- Red (79%)
- Green (73%)
- Blue (78%)



- Red (79%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (21%)





- Cyan (21%)
- Magenta (27%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 10.227, 328.274 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 77, 10.227, 328.274 by changing the saturation by 10% instead.


 77, 10.227,
328.274


 77, 10.227,
328.274


 100, 10.227,
328.274


 67, 10.227,
328.274


 97, 10.227,
328.274

 57, 10.227,
328.274

 47, 10.227,
328.274

 37, 10.227,
328.274

 27, 10.227,
328.274

 17, 10.227,
328.274

 7, 10.227, 328.274

77, 10.227,
328.274

77, 10.227,
328.274

72, 22.492,
328.881

82, 1.909, 147.877

67, 34.713,
329.485

88, 13.797,
147.189

62, 46.625,
330.087

93, 25.376,
146.643

58, 57.863,
330.681

95, 29.981,
147.168

55, 67.967,
331.262

96, 29.020,
148.628

52, 76.424,
331.827

96, 28.076,
150.182

■ 49, 82.752,
332.379

■ 96, 27.149,
151.838

■ 48, 86.645,
332.930

■ 96, 26.243,
153.604

■ 47, 88.249,
333.496

■ 96, 25.359,
155.490

Harmonies

Complementary

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



77, 10.227, 328.274



80, 10.201, 147.330

Rectangle

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



77, 10.227, 328.274



77, 10.227, 18.274



77, 10.227, 148.274



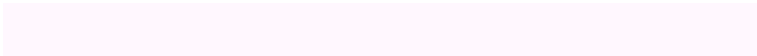
77, 10.227, 198.274

Sweetspot

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



77, 10.225, 328.275



98, 4.392, 327.913



76, 9.207, 295.454



52, 3.330, 327.976



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 10.225, 328.275



94, 14.697, 328.381



77, 7.248, 351.154



40, 6.953, 328.336



38, 76.391, 333.501



5, 26.396, 331.722

Inverse Universe

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



77, 10.225, 328.275



94, 14.697, 328.381



80, 7.117, 169.762



40, 6.953, 328.336



38, 76.391, 333.501



5, 26.396, 331.722

Previews

White Background



This preview shows how the CIELCh color 77, 10.227, 328.274 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 77, 10.227, 328.274 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 77, 10.227, 328.274

Background



This preview shows how black text looks on a background with the CIELCh color 77, 10.227, 328.274.



This preview shows how white text looks on a background with the CIELCh color 77, 10.227, 328.274.

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

77, 10.227, 328.274

Protanopia

77, 7.003, 293.769

Deuteranopia

77, 10.692, 331.451



Tritanopia
77, 10.227, 328.274

Trichromacy



Original Color
77, 10.227, 328.274

Protanomaly
77, 7.348, 307.995

Deuteranomaly
77, 10.455, 329.896

Tritanomaly
77, 10.227, 328.274

Monochromacy



Original Color
77, 10.227, 328.274

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.496, 329.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 10.227, 328.274 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(202, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 185, 200)  
}
```

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(202, 185, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 185, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 10.227, 328.274 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(202, 185, 200) }
```

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

```
.border{ border-color:rgb(202, 185, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 185, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 185,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 10.227, 328.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 185, 200) }
```

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

```
.background{ background-color: rgb(202,  
185, 200) }
```

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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