

Converting Colors

CIELCh(69, 24.691, 323.608)

Have a look what the booklet for
CIELCh(69, 24.691, 323.608)
contains.

CIELCh(69, 24.680, 324.012)	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(69, 24.680, 324.012)

Conversions

Conversions Part 1

Format	Color
Hex	C19DC3
RGB	193, 157, 195
RGB Percent	76%, 62%, 76%
CMY	0.2435, 0.3847, 0.2357
CMYK	0.01, 0.19, 0.00, 0.24
HSL	297°, 24%, 69%
HSV	297°, 19%, 76%
XYZ	43.8498, 39.3444, 56.8572
YIQ	172.0960, 9.2580, 19.4500

Conversions

Conversions Part 2

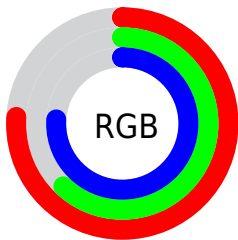
Format	Color
R_{YB}	193, 157, 195
Decimal	12688835
CIE _{Lab}	69.00, 19.97, -14.50
CIE _{LCh}	69, 24.680, 324.012
Yxy	39.3444, 0.3131, 0.2809
Android (android.graphics.Color)	4290878915 (0xFFC19DC3)
YUV	172.0960, 11.2917, 18.3328
Hunter-Lab	62.7251, 15.0166, -9.8359

Details

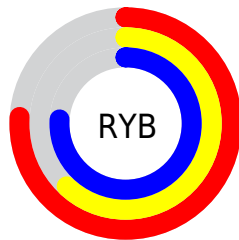
The CIELCh color $69, 24.680, 324.012$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 24.613, 141.884$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 24.745, 323.913$, and $49, 24.822, 324.202$ is the 20% darker color. If you saturate the color by 10%, you get $64, 37.348, 324.515$, and if you desaturate by 10%, it is $74, 11.960, 323.491$.

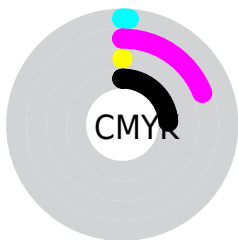
Distribution



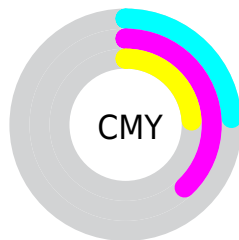
- Red (76%)
- Green (62%)
- Blue (76%)



- Red (76%)
- Yellow (62%)
- Blue (76%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)



- Cyan (24%)
- Magenta (38%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 24.680, 324.012 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 69, 24.680, 324.012 by changing the saturation by 10% instead.

 69, 24.680,
324.012


 69, 24.680,
324.012

 100, 24.680,
324.012


 59, 24.680,
324.012

 89, 24.680,
324.012

 49, 24.680,
324.012

 99, 24.680,
324.012

 39, 24.680,
324.012

 29, 24.680,
324.012

 19, 24.680,
324.012

 9, 24.680, 324.012

 0, 24.680, 324.012

69, 24.680,
324.012

69, 24.680,
324.012

64, 37.348,
324.515

74, 11.960,
323.491

60, 49.707,
324.991

79, 0.625, 143.389

56, 61.397,
325.419

84, 12.962,
142.526

52, 71.965,
325.780

89, 24.986,
142.039

49, 80.906,
326.049

95, 36.661,
141.581

47, 87.755,
326.208

95, 36.836,
141.147


45, 92.219,
326.242


95, 36.633,
140.707

45, 94.569,

95, 36.432,
140.260

326.166

 95, 36.233,
139.807

 45, 94.674,
326.162

Harmonies

Complementary

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



69, 24.680, 324.012



75, 24.613, 141.884

Rectangle

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



69, 24.680, 324.012



69, 24.680, 14.012



69, 24.680, 144.012



69, 24.680, 194.012

Sweetspot

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



69, 24.678, 324.012



95, 9.306, 323.306



67, 19.641, 289.642



51, 6.226, 323.343



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 24.678, 324.012



85, 35.950, 324.209



69, 18.571, 341.791



38, 7.109, 323.484



36, 82.033, 326.191



4, 23.565, 324.078

Inverse Universe

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



68, 15.013, 16.631



84, 22.151, 17.052



76, 18.251, 158.625



38, 4.192, 15.660



33, 71.677, 37.564



3, 14.027, 16.530

Previews

White Background



This preview shows how the CIELCh color 69, 24.680, 324.012 looks on a white background.

Color Contrast Check

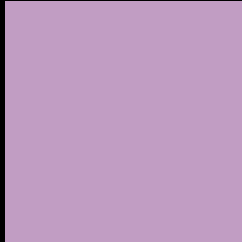
Large Text (above 18pt) WCAG AA × Fail

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 69, 24.680, 324.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

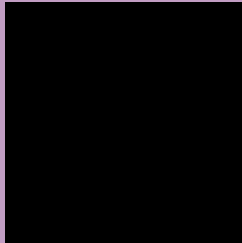
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.680, 324.012

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.680, 324.012.



This preview shows how white text looks on a background with the CIELCh color 69, 24.680, 324.012.

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


69, 24.680, 324.012

Protanopia

69, 19.290, 285.984

Deuteranopia

69, 16.335, 303.091



Tritanopia
69, 12.869, 349.950

Trichromacy



Original Color
69, 24.680, 324.012

Protanomaly
69, 20.193, 302.143

Deuteranomaly
69, 19.492, 312.398

Tritanomaly
69, 16.382, 336.341

Monochromacy



Original Color
69, 24.680, 324.012

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.657, 324.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.680, 324.012 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(193, 157, 195)` looks like.

```
.text, #text, p{  
    color:rgb(193, 157, 195)  
}
```

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(193, 157, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 157, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.680, 324.012 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(193, 157, 195) }
```

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

```
.border{ border-color:rgb(193, 157, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 157, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 157, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 157, 195);  
box-shadow:4px 4px 4px 4px rgb(193, 157,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.680, 324.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 157, 195) }
```

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

```
.background{ background-color: rgb(193,  
157, 195) }
```

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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