

Converting Colors

CIELCh(64, 18.460, 295.130)

Have a look what the booklet for
CIELCh(64, 18.460, 295.130)
contains.

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Color

CIELCh(64, 18.481, 295.404)

Conversions

Conversions Part 1

Format	Color
Hex	9B98B9
RGB	155, 152, 185
RGB Percent	61%, 60%, 73%
CMY	0.3932, 0.4050, 0.2756
CMYK	0.16, 0.18, 0.00, 0.28
HSL	245°, 19%, 66%
HSV	245°, 18%, 72%
XYZ	33.3773, 32.8017, 50.3164
YIQ	156.6590, -8.8050, 10.8990

Conversions

Conversions Part 2

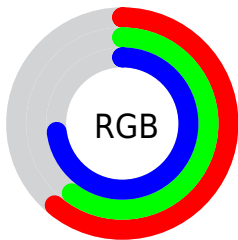
Format	Color
R_{YB}	155, 152, 185
Decimal	10197177
CIE Lab	64.00, 7.93, -16.69
CIE LCh	64, 18.481, 295.404
Yxy	32.8017, 0.2865, 0.2816
Android (android.graphics.Color)	4288387257 (0xFF9B98B9)
YUV	156.6590, 13.9721, -1.4549
Hunter-Lab	57.2727, 3.7986, -11.9977

Details

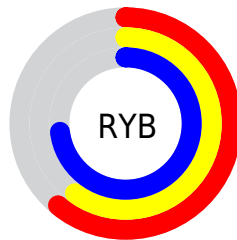
The CIELCh color $64, 18.481, 295.404$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $74, 17.753, 112.285$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 18.561, 295.943$, and $44, 18.639, 295.033$ is the 20% darker color. If you saturate the color by 10%, you get $58, 29.417, 296.546$, and if you desaturate by 10%, it is $70, 7.975, 294.422$.

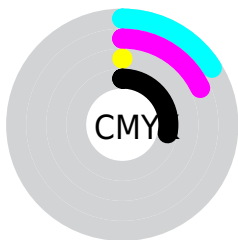
Distribution



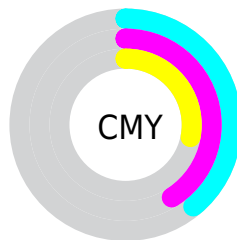
- Red (61%)
- Green (60%)
- Blue (73%)



- Red (61%)
- Yellow (60%)
- Blue (73%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (28%)



- Cyan (39%)
- Magenta (41%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.481, 295.404 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 64, 18.481, 295.404 by changing the saturation by 10% instead.

 64, 18.481,
295.404

 64, 18.481,
295.404

 100, 18.481,
295.404

 54, 18.481,
295.404


 84, 18.481,
295.404

 44, 18.481,
295.404

 94, 18.481,
295.404

 34, 18.481,
295.404

 24, 18.481,
295.404

 14, 18.481,
295.404

 4, 18.481, 295.404

 0, 18.481, 295.404

64, 18.481,
295.404

64, 18.481,
295.404

58, 29.417,
296.546

70, 7.975, 294.422

52, 40.801,
297.867

76, 2.121, 113.565

45, 52.608,
299.370

82, 11.837,
112.857

40, 64.720,
301.027

89, 21.199,
112.243

34, 76.810,
302.758

95, 30.233,
111.715

29, 88.147,
304.396

99, 35.321,
107.487

25, 97.446,
305.683

23, 103.433,

306.417

■ 22, 104.537,
306.577

Harmonies

Complementary

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



64, 18.481, 295.404



74, 17.753, 112.285

Rectangle

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



64, 18.481, 295.404



64, 18.481, 345.404



64, 18.481, 115.404



64, 18.481, 165.404

Sweetspot

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



64, 18.479, 295.402



91, 6.241, 294.178



72, 10.773, 206.629



48, 4.260, 294.238



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 18.479, 295.402



79, 27.043, 295.782



65, 19.713, 312.686



36, 5.737, 294.557



18, 91.994, 306.629



1, 15.411, 292.926

Inverse Universe

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



67, 20.650, 328.003



82, 30.031, 328.206



73, 19.331, 131.157



36, 6.493, 327.501



36, 74.465, 332.155



3, 17.157, 328.492

Previews

White Background



This preview shows how the CIELCh color 64, 18.481, 295.404 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 64, 18.481, 295.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

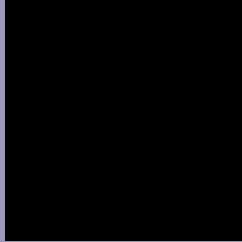
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 18.481, 295.404

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.481, 295.404.



This preview shows how white text looks on a background with the CIELCh color 64, 18.481, 295.404.

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


64, 18.481, 295.404

Protanopia

64, 17.919, 285.383

Deuteranopia

64, 19.086, 296.422



Tritanopia
64, 6.764, 281.473

Trichromacy



Original Color
64, 18.481, 295.404

Protanomaly
64, 18.426, 288.876

Deuteranomaly
64, 19.086, 296.422

Tritanomaly
64, 10.601, 289.346

Monochromacy



Original Color
64, 18.481, 295.404

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.750, 297.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.481, 295.404 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(155, 152, 185)` looks like.

```
.text, #text, p{  
    color:rgb(155, 152, 185)  
}
```

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(155, 152, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 152, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.481, 295.404 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(155, 152, 185) }
```

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

```
.border{ border-color:rgb(155, 152, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 152, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 152, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 152, 185);  
box-shadow:4px 4px 4px 4px rgb(155, 152,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.481, 295.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 152, 185) }
```

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

```
.background{ background-color: rgb(155,  
152, 185) }
```

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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