

Converting Colors

CIELCh(58, 24.667, 319.672)

Have a look what the booklet for
CIELCh(58, 24.667, 319.672)
contains.

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Color

CIELCh(58, 24.535, 320.281)

Conversions

Conversions Part 1

Format	Color
Hex	A081A7
RGB	160, 129, 167
RGB Percent	63%, 51%, 65%
CMY	0.3726, 0.4941, 0.3451
CMYK	0.04, 0.23, 0.00, 0.35
HSL	289°, 18%, 58%
HSV	289°, 23%, 65%
XYZ	29.3192, 25.9610, 40.0209
YIQ	142.6010, 6.2780, 18.3900

Conversions

Conversions Part 2

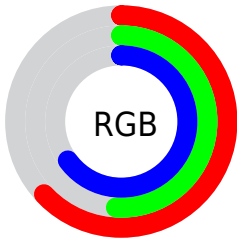
Format	Color
R_{YB}	160, 129, 167
Decimal	10518951
CIE _{Lab}	58.00, 18.87, -15.68
CIE _{LCh}	58, 24.535, 320.281
Yxy	25.9610, 0.3076, 0.2724
Android (android.graphics.Color)	4288709031 (0xFFA081A7)
YUV	142.6010, 12.0287, 15.2589
Hunter-Lab	50.9519, 13.5482, -10.9038

Details

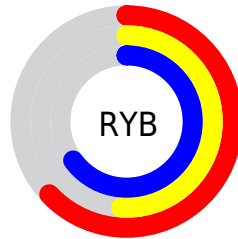
The CIELCh color $58, 24.535, 320.281$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $65, 24.300, 138.140$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 24.493, 320.362$, and $38, 24.871, 320.297$ is the 20% darker color. If you saturate the color by 10%, you get $54, 35.404, 320.719$, and if you desaturate by 10%, it is $63, 13.663, 319.829$.

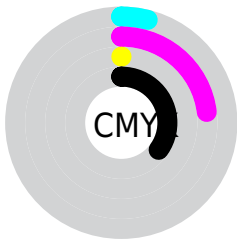
Distribution



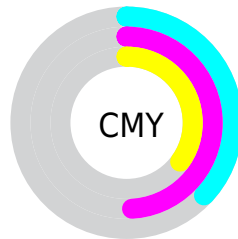
- Red (63%)
- Green (51%)
- Blue (65%)



- Red (63%)
- Yellow (51%)
- Blue (65%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (35%)




- Cyan (37%)
- Magenta (49%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 24.535, 320.281 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 58, 24.535, 320.281 by changing the saturation by 10% instead.

 58, 24.535,
320.281

 58, 24.535,
320.281


 100, 24.535,
320.281

 48, 24.535,
320.281


 78, 24.535,
320.281

 38, 24.535,
320.281

 88, 24.535,
320.281

 28, 24.535,
320.281

 98, 24.535,
320.281

 18, 24.535,
320.281

 8, 24.535, 320.281

 0, 24.535, 320.281

58, 24.535,
320.281

58, 24.535,
320.281

54, 35.404,
320.719

63, 13.663,
319.829

49, 46.074,
321.125

67, 2.928, 319.339

72, 7.591, 139.001

46, 56.250,
321.475

77, 17.847,
138.581

42, 65.544,
321.735

81, 27.818,
138.197

39, 73.493,
321.865

86, 37.498,
137.841

37, 79.630,
321.824


91, 46.888,
137.514

35, 83.624,
321.578

94, 51.635,
136.913

34, 85.569,

321.312

 94, 51.078,
135.936

Harmonies

Complementary

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



58, 24.535, 320.281



65, 24.300, 138.140

Rectangle

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



58, 24.535, 320.281



58, 24.535, 10.281



58, 24.535, 140.281



58, 24.535, 190.281

Sweetspot

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



58, 24.533, 320.281



83, 9.230, 319.569



57, 17.466, 283.377



44, 6.048, 319.596



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



58, 24.533, 320.281



71, 36.058, 320.491



58, 20.971, 335.858



33, 6.084, 319.671



30, 78.249, 321.376



2, 10.838, 317.530

Inverse Universe

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



58, 15.845, 6.753



71, 23.511, 7.367



65, 20.786, 152.579



33, 3.830, 5.237



30, 61.982, 29.580



1, 6.764, 6.460

Previews

White Background



This preview shows how the CIELCh color 58, 24.535, 320.281 looks on a white background.

Color Contrast Check

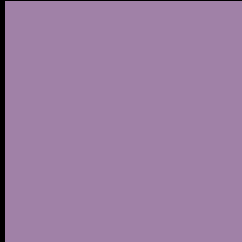
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 24.535, 320.281 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 × Fail

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

CIELCh 58, 24.535, 320.281

Background



This preview shows how black text looks on a background with the CIELCh color 58, 24.535, 320.281.



This preview shows how white text looks on a background with the CIELCh color 58, 24.535, 320.281.

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

58, 24.535, 320.281

Protanopia

58, 19.991, 285.477

Deuteranopia

58, 17.182, 296.942



Tritanopia
58, 11.333, 347.265

Trichromacy



Original Color
58, 24.535, 320.281

Protanomaly
58, 20.712, 299.405

Deuteranomaly
58, 19.578, 307.384

Tritanomaly
58, 15.183, 332.653

Monochromacy



Original Color
58, 24.535, 320.281

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.035, 318.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 24.535, 320.281 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(160, 129, 167)` looks like.

```
.text, #text, p{  
    color:rgb(160, 129, 167)  
}
```

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(160, 129, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 129, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 24.535, 320.281 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(160, 129, 167) }
```

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

```
.border{ border-color:rgb(160, 129, 167) }
```

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

Here you see how a box with a 4 pixel rgb(160, 129, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 129, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 129, 167);  
box-shadow:4px 4px 4px 4px rgb(160, 129,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 24.535, 320.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 129, 167) }
```

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

```
.background{ background-color: rgb(160,  
129, 167) }
```

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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