

Converting Colors

CIELCh(68, 2.354, 175.515)

Have a look what the booklet for
CIELCh(68, 2.354, 175.515) contains.

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Color

CIELCh(68, 2.524, 173.535)

Conversions

Conversions Part 1

Format	Color
Hex	A1A7A5
RGB	161, 167, 165
RGB Percent	63%, 65%, 65%
CMY	0.3683, 0.3448, 0.3526
CMYK	0.04, 0.00, 0.01, 0.34
HSL	160°, 3%, 64%
HSV	160°, 4%, 66%
XYZ	35.3465, 37.9720, 41.1022
YIQ	164.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

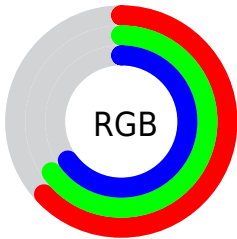
Format	Color
RYB	161, 165, 167
Decimal	10594213
CIELab	68.00, -2.51, 0.28
CIElCh	68, 2.524, 173.535
Yxy	37.9720, 0.3089, 0.3319
Android (android.graphics.Color)	4288784293 (0xFFA1A7A5)
YUV	164.9780, 0.0108, -3.4887
Hunter-Lab	61.6215, -5.4487, 3.5879

Details

The CIELCh color $68, 2.524, 173.535$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 2.556, 353.834$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 2.393, 173.658$, and $48, 2.347, 169.178$ is the 20% darker color. If you saturate the color by 10%, you get $67, 9.516, 172.471$, and if you desaturate by 10%, it is $69, 4.524, 354.126$.

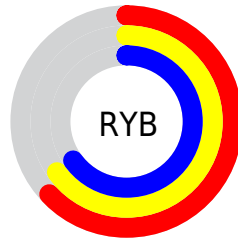
Distribution



Red (63%)

Green (65%)

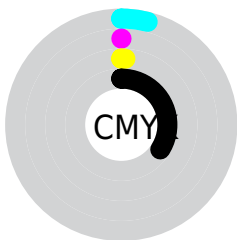
Blue (65%)



Red (63%)

Yellow (65%)

Blue (65%)

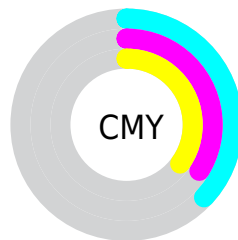


Cyan (4%)

Magenta (0%)

Yellow (1%)

Black (34%)



Cyan (37%)

Magenta (34%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 2.524, 173.535 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 68, 2.524, 173.535 by changing the saturation by 10% instead.

■ 68, 2.524, 173.535

■ 68, 2.524, 173.535

■ 100, 2.524,
173.535

■ 58, 2.524, 173.535

■ 88, 2.524, 173.535

■ 48, 2.524, 173.535

■ 98, 2.524, 173.535

■ 38, 2.524, 173.535

■ 28, 2.524, 173.535

■ 18, 2.524, 173.535

■ 8, 2.524, 173.535

■ 0, 2.524, 173.535

■ 68, 2.524, 173.535

■ 68, 2.524, 173.535

■ 67, 9.516, 172.471

■ 69, 4.524, 354.126

65, 16.360,
171.454

71, 11.564,
354.992

64, 22.959,
170.359

73, 18.542,
355.772

63, 29.201,
169.159

75, 25.416,
356.506

63, 34.971,
167.832

77, 32.162,
357.203

62, 40.164,
166.354

78, 36.637,
355.971

61, 44.699,
164.699

78, 37.739,
351.799

61, 48.537,
162.851

78, 39.049,
347.906

61, 51.697,
160.805

78, 40.543,
344.306

Harmonies

Complementary

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



68, 2.524, 173.535



67, 2.556, 353.834

Rectangle

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



68, 2.524, 173.535



68, 2.524, 223.535



68, 2.524, 353.535



68, 2.524, 43.535

Sweetspot

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



68, 2.526, 173.514



86, 0.865, 174.153



68, 3.628, 134.025



46, 0.496, 174.192



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



68, 2.526, 173.514



86, 3.475, 173.453



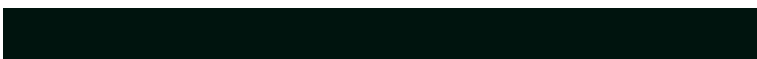
68, 1.968, 214.099



35, 2.001, 173.384



54, 48.728, 159.713



5, 7.699, 168.773

Inverse Universe

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



67, 2.556, 353.834



84, 3.519, 353.897



67, 2.010, 33.616



34, 2.028, 353.967



31, 57.329, 16.933



2, 7.156, 356.853

Previews

White Background



This preview shows how the CIELCh color 68, 2.524, 173.535 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 68, 2.524, 173.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

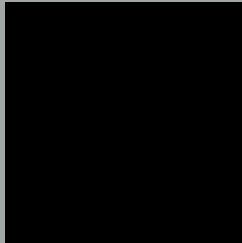
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

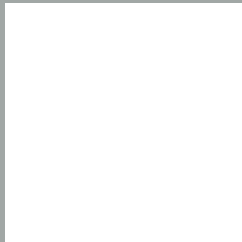
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 2.524, 173.535

Background



This preview shows how black text looks on a background with the CIELCh color 68, 2.524, 173.535.



This preview shows how white text looks on a background with the CIELCh color 68, 2.524, 173.535.

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

68, 2.524, 173.535

Protanopia

68, 1.613, 39.121

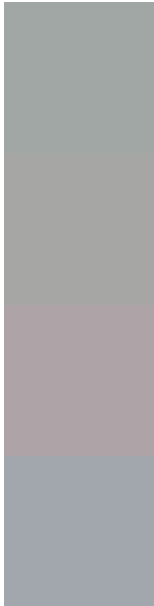
Deuteranopia

68, 8.726, 358.017



Tritanopia
68, 7.191, 285.083

Trichromacy



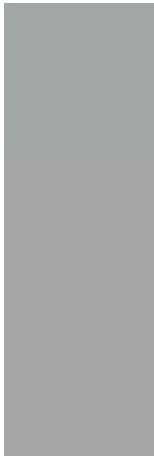
Original Color
68, 2.524, 173.535

Protanomaly
68, 1.091, 110.014

Deuteranomaly
68, 4.525, 358.364

Tritanomaly
68, 4.108, 269.491

Monochromacy



Original Color
68, 2.524, 173.535

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 0.935, 163.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 2.524, 173.535 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(161, 167, 165)` looks like.

```
.text, #text, p{  
    color:rgb(161, 167, 165)  
}
```

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(161, 167, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 167, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 2.524, 173.535 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(161, 167, 165) }
```

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

```
.border{ border-color:rgb(161, 167, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 167, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 167, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 167, 165);  
box-shadow:4px 4px 4px 4px rgb(161, 167,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 2.524, 173.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 167, 165) }
```

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

```
.background{ background-color: rgb(161,  
167, 165) }
```

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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