

Converting Colors

CIELCh(65, 7.818, 319.103)

Have a look what the booklet for
CIELCh(65, 7.818, 319.103) contains.

CIELCh(65, 7.524, 317.572)	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(65, 7.524, 317.572)

Conversions

Conversions Part 1

Format	Color
Hex	A49BA7
RGB	164, 155, 167
RGB Percent	64%, 61%, 65%
CMY	0.3575, 0.3928, 0.3457
CMYK	0.02, 0.07, 0.00, 0.35
HSL	285°, 6%, 63%
HSV	285°, 7%, 65%
XYZ	33.9298, 34.0472, 41.2627
YIQ	159.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

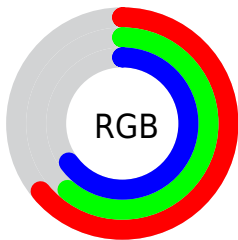
Format	Color
RYB	164, 155, 167
Decimal	10787751
CIELab	65.00, 5.55, -5.08
CIELCh	65, 7.524, 317.572
Yxy	34.0472, 0.3106, 0.3117
Android (android.graphics.Color)	4288977831 (0xFFA49BA7)
YUV	159.0590, 3.9149, 4.3333
Hunter-Lab	58.3500, 1.6831, -1.0825




Details

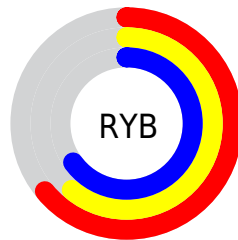
The CIELCh color $65, 7.524, 317.572$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 7.477, 137.008$, and the grayscale version is $65, 0.008, 296.813$.




A 20% lighter version of the original color is $85, 7.762, 318.107$, and $45, 7.349, 316.956$ is the 20% darker color. If you saturate the color by 10%, you get $60, 18.146, 318.011$, and if you desaturate by 10%, it is $70, 2.895, 137.239$.

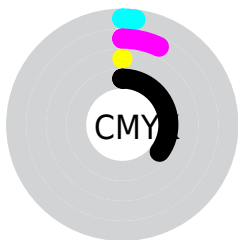
Distribution







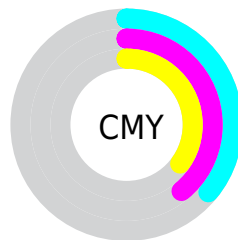
-  Red (64%)
-  Green (61%)
-  Blue (65%)






-  Red (64%)
-  Yellow (61%)
-  Blue (65%)



-  Cyan (2%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (35%)



-  Cyan (36%)
-  Magenta (39%)
-  Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.524, 317.572 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 65, 7.524, 317.572 by changing the saturation by 10% instead.

■ 65, 7.524, 317.572

■ 65, 7.524, 317.572

■ 100, 7.524,
317.572

■ 55, 7.524, 317.572

■ 85, 7.524, 317.572

■ 45, 7.524, 317.572

■ 95, 7.524, 317.572

■ 35, 7.524, 317.572

■ 25, 7.524, 317.572

■ 15, 7.524, 317.572

■ 5, 7.524, 317.572

■ 0, 7.524, 317.572

■ 65, 7.524, 317.572

■ 65, 7.524, 317.572

■ 60, 18.146,

■ 70, 2.895, 137.239

318.011

75, 13.058,
136.802

56, 28.890,
318.446

79, 22.943,
136.432

51, 39.615,
318.866

84, 32.542,
136.093

47, 50.105,
319.247

89, 41.859,
135.784

43, 60.046,
319.557

94, 50.900,
135.503

40, 69.018,
319.754

94, 50.203,
134.112

37, 76.522,
319.787

94, 49.498,
132.655

34, 82.076,
319.602

95, 48.822,
131.137

33, 85.517,
319.178

Harmonies

Complementary

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



65, 7.524, 317.572



67, 7.477, 137.008

Rectangle

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



65, 7.524, 317.572



65, 7.524, 7.572



65, 7.524, 137.572



65, 7.524, 187.572

Sweetspot

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



65, 7.522, 317.570



85, 2.581, 317.298



65, 5.013, 277.000



46, 1.479, 317.288



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 7.522, 317.570



81, 11.672, 317.659



65, 6.884, 332.131



33, 5.974, 317.665



28, 79.022, 319.134



1, 10.608, 315.111

Inverse Universe

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



65, 4.930, 0.090



81, 7.671, 0.302



67, 6.859, 151.298



33, 3.927, 0.316



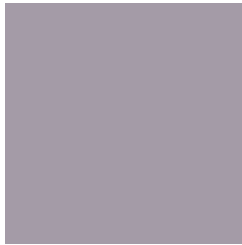
30, 59.559, 24.370



1, 6.913, 2.094

Previews

White Background



This preview shows how the CIELCh color 65, 7.524, 317.572 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 65, 7.524, 317.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

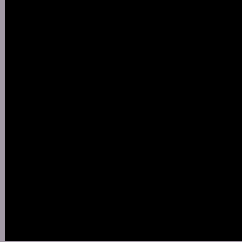
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 7.524, 317.572

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.524, 317.572.



This preview shows how white text looks on a background with the CIELCh color 65, 7.524, 317.572.

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


65, 7.524, 317.572

Protanopia

65, 6.136, 294.305

Deuteranopia

65, 9.905, 328.564



Tritanopia
65, 7.524, 317.572

Trichromacy



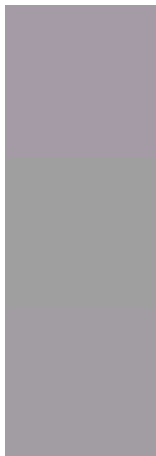
Original Color
65, 7.524, 317.572

Protanomaly
65, 6.865, 303.429

Deuteranomaly
65, 8.781, 324.835

Tritanomaly
65, 7.524, 317.572

Monochromacy



Original Color
65, 7.524, 317.572

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.188, 318.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.524, 317.572 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(164, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(164, 155, 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(164, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 155, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.524, 317.572 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(164, 155, 167) }
```

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

```
.border{ border-color:rgb(164, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(164, 155,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.524, 317.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 155, 167) }
```

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

```
.background{ background-color: rgb(164,  
155, 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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