

Converting Colors

CIELCh(65, 10.458, 99.621)

Have a look what the booklet for
CIELCh(65, 10.458, 99.621) contains.

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Color

CIELCh(65, 10.622, 100.362)

Conversions

Conversions Part 1

Format	Color
Hex	A29E8B
RGB	162, 158, 139
RGB Percent	64%, 62%, 55%
CMY	0.3643, 0.3800, 0.4545
CMYK	0.00, 0.02, 0.14, 0.36
HSL	50°, 11%, 59%
HSV	50°, 14%, 64%
XYZ	31.8325, 34.0472, 29.3577
YIQ	157.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

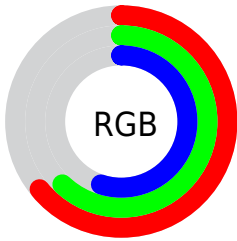
Format	Color
RYB	144, 162, 139
Decimal	10657419
CIELab	65.00, -1.91, 10.45
CIElCh	65, 10.622, 100.362
Yxy	34.0472, 0.3342, 0.3575
Android (android.graphics.Color)	4288847499 (0xFFA29E8B)
YUV	157.0300, -8.8888, 4.3587
Hunter-Lab	58.3500, -4.7328, 11.0143

Details

The CIELCh color $65, 10.622, 100.362$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60, 10.819, 283.634$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.084, 101.425$, and $45, 10.746, 101.654$ is the 20% darker color. If you saturate the color by 10%, you get $64, 18.148, 99.245$, and if you desaturate by 10%, it is $66, 3.122, 101.444$.

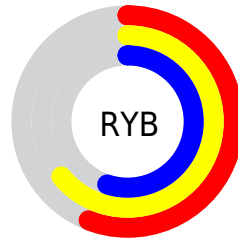
Distribution



Red (64%)

Green (62%)

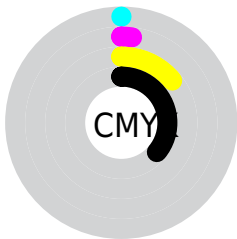
Blue (55%)



Red (56%)

Yellow (64%)

Blue (55%)

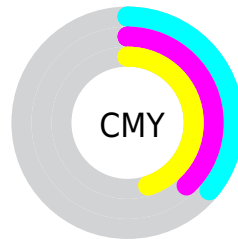


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (36%)



Cyan (36%)


Magenta (38%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 10.622, 100.362 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, 10.622, 100.362 by changing the saturation by 10% instead.


 65, 10.622,
100.362


 65, 10.622,
100.362


 100, 10.622,
100.362


 55, 10.622,
100.362


 85, 10.622,
100.362

 45, 10.622,
100.362

 95, 10.622,
100.362

 35, 10.622,
100.362

 25, 10.622,
100.362

 15, 10.622,
100.362

 5, 10.622, 100.362

 0, 10.622, 100.362

65, 10.622,
100.362

65, 10.622,
100.362

64, 18.148, 99.245

66, 3.122, 101.444

63, 25.652, 98.093

67, 4.331, 282.576

62, 33.059, 96.927

69, 11.723,
283.583

61, 40.237, 95.754

70, 19.048,
284.560

60, 46.968, 94.580

59, 52.911, 93.406

71, 26.302,
285.493

58, 57.590, 92.219

73, 33.485,
286.381

57, 60.496, 90.983

57, 61.713, 90.257

74, 40.597,
287.222

75, 40.361,
285.942

■ 75, 38.869,
284.182

Harmonies

Complementary

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



65, 10.622, 100.362



60, 10.819, 283.634

Rectangle

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



65, 10.622, 100.362



65, 10.622, 150.362



65, 10.622, 280.362



65, 10.622, 330.362

Sweetspot

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



65, 10.623, 100.371



84, 3.702, 101.455



60, 9.433, 5.822



45, 2.654, 101.382



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 10.623, 100.371



82, 15.826, 100.021



66, 13.025, 121.653



34, 4.251, 100.910



51, 57.016, 90.388



4, 6.311, 99.306

Inverse Universe

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



60, 10.819, 283.634



74, 16.180, 284.057



59, 13.370, 303.251



32, 4.306, 283.013



19, 77.867, 302.781



1, 6.739, 282.846

Previews

White Background



This preview shows how the CIELCh color 65, 10.622, 100.362 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 CIELCh color 65, 10.622, 100.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

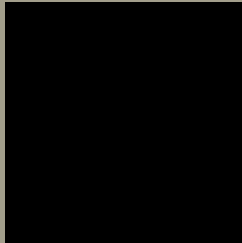
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

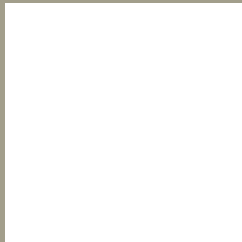
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 10.622, 100.362

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.622, 100.362.



This preview shows how white text looks on a background with the CIELCh color 65, 10.622, 100.362.

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, 10.622, 100.362

Protanopia

65, 10.462, 91.189

Deuteranopia

65, 12.889, 51.074



Tritanopia
65, 8.112, 324.803

Trichromacy



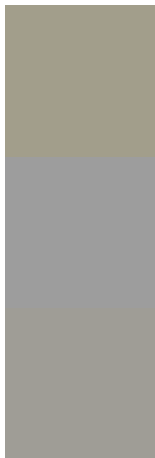
Original Color
65, 10.622, 100.362

Protanomaly
65, 10.345, 93.324

Deuteranomaly
65, 10.946, 64.736

Tritanomaly
65, 3.911, 11.514

Monochromacy



Original Color
65, 10.622, 100.362

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.947, 98.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.622, 100.362 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(162, 158, 139)` looks like.

```
.text, #text, p{  
    color:rgb(162, 158, 139)  
}
```

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(162, 158, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 158, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.622, 100.362 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(162, 158, 139) }
```

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

```
.border{ border-color:rgb(162, 158, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 158, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 158, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 158, 139);  
box-shadow:4px 4px 4px 4px rgb(162, 158,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.622, 100.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 158, 139) }
```

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

```
.background{ background-color: rgb(162,  
158, 139) }
```

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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