

Converting Colors

CIELCh(65, 22.175, 124.486)

Have a look what the booklet for
CIELCh(65, 22.175, 124.486)
contains.

CIELCh(65, 21.776, 124.153)	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, 21.776, 124.153)

Conversions

Conversions Part 1

Format	Color
Hex	94A37D
RGB	148, 163, 125
RGB Percent	58%, 64%, 49%
CMY	0.4190, 0.3601, 0.5092
CMYK	0.09, 0.00, 0.23, 0.36
HSL	84°, 17%, 57%
HSV	84°, 23%, 64%
XYZ	29.0791, 34.0472, 24.4930
YIQ	154.1830, 3.2580, -14.9980

Conversions

Conversions Part 2

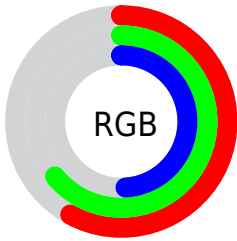
Format	Color
RYB	125, 163, 140
Decimal	9741181
CIELab	65.00, -12.23, 18.02
CIELCh	65, 21.776, 124.153
Yxy	34.0472, 0.3319, 0.3886
Android (android.graphics.Color)	4287931261 (0xFF94A37D)
YUV	154.1830, -14.3872, -5.4225
Hunter-Lab	58.3500, -13.1558, 15.9574

Details

The CIELCh color $65, 21.776, 124.153$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 22.637, 306.567$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 21.758, 124.587$, and $45, 21.471, 123.990$ is the 20% darker color. If you saturate the color by 10%, you get $64, 30.999, 123.644$, and if you desaturate by 10%, it is $66, 12.444, 124.667$.

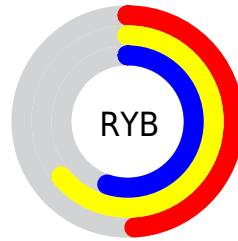
Distribution



Red (58%)

Green (64%)

Blue (49%)



Red (49%)

Yellow (64%)

Blue (55%)

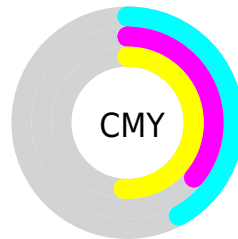


Cyan (9%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (42%)


Magenta (36%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 21.776, 124.153 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, 21.776, 124.153 by changing the saturation by 10% instead.


 65, 21.776,
124.153


 65, 21.776,
124.153


 100, 21.776,
124.153


 55, 21.776,
124.153


 85, 21.776,
124.153

 45, 21.776,
124.153

 95, 21.776,
124.153

 35, 21.776,
124.153

 25, 21.776,
124.153

 15, 21.776,
124.153

 5, 21.776, 124.153

 0, 21.776, 124.153

65, 21.776,
124.153

65, 21.776,
124.153

64, 30.999,
123.644

66, 12.444,
124.667

64, 39.998,
123.159

67, 3.076, 125.177

63, 48.608,
122.740

68, 6.272, 305.609

62, 56.595,
122.453

69, 15.561,
306.051

62, 63.629,
122.386

70, 24.764,
306.454

61, 69.317,
122.653

71, 33.859,
306.824


61, 73.315,
123.362

72, 42.834,
307.160

61, 75.352,

73, 51.322,
307.550

123.980

 74, 51.741,
309.832

Harmonies

Complementary

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



65, 21.776, 124.153



55, 22.637, 306.567

Rectangle

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



65, 21.776, 124.153



65, 21.776, 174.153



65, 21.776, 304.153



65, 21.776, 354.153

Sweetspot

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



65, 21.778, 124.155



84, 8.092, 124.979



60, 12.800, 59.663



45, 5.301, 124.951



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, 21.778, 124.155



82, 32.295, 123.887



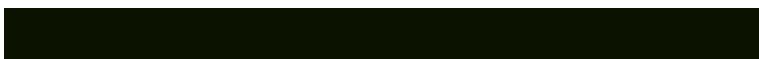
64, 24.942, 139.968



34, 5.294, 124.871



54, 69.142, 123.823



4, 8.350, 127.337

Inverse Universe

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



55, 22.637, 306.567



67, 33.890, 306.892



57, 25.091, 322.326



32, 5.379, 305.765



20, 83.726, 309.977



1, 8.209, 303.946

Previews

White Background



This preview shows how the CIELCh color 65, 21.776, 124.153 looks on a white background.

Color Contrast Check

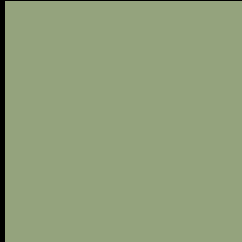
Large Text (above 18pt) WCAG AA × Fail

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, 21.776, 124.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

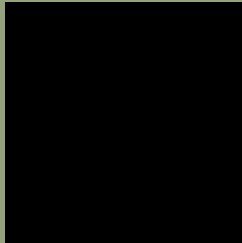
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

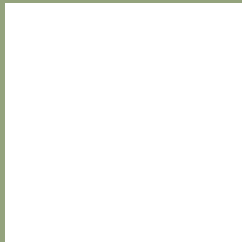
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 21.776, 124.153

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.776, 124.153.



This preview shows how white text looks on a background with the CIELCh color 65, 21.776, 124.153.

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, 21.776, 124.153

Protanopia
65, 19.863, 94.707

Deuteranopia
65, 18.640, 62.914



Tritanopia
65, 7.256, 285.126

Trichromacy



Original Color
65, 21.776, 124.153

Protanomaly
65, 19.838, 105.645

Deuteranomaly
65, 16.729, 86.660

Tritanomaly
65, 3.620, 149.236

Monochromacy



Original Color
65, 21.776, 124.153

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.493, 124.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.776, 124.153 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(148, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 125)  
}
```

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(148, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.776, 124.153 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(148, 163, 125) }
```

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

```
.border{ border-color:rgb(148, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 163, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 163, 125); box-shadow:4px 4px 4px 4px rgb(148, 163, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.776, 124.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 125) }
```

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

```
.background{ background-color: rgb(148,  
163, 125) }
```

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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