

Converting Colors

CIELCh(65, 22.397, 123.679)

Have a look what the booklet for
CIELCh(65, 22.397, 123.679)
contains.

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Color

CIELCh(65, 22.299, 123.737)

Conversions

Conversions Part 1

Format	Color
Hex	94A37C
RGB	148, 163, 124
RGB Percent	58%, 64%, 49%
CMY	0.4188, 0.3599, 0.5129
CMYK	0.09, 0.00, 0.24, 0.36
HSL	83°, 18%, 56%
HSV	83°, 24%, 64%
XYZ	29.0379, 34.0472, 24.1783
YIQ	154.0690, 3.5790, -15.3090

Conversions

Conversions Part 2

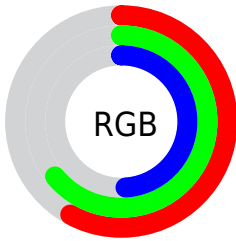
Format	Color
RYB	124, 163, 139
Decimal	9741180
CIELab	65.00, -12.38, 18.54
CIELCh	65, 22.299, 123.737
Yxy	34.0472, 0.3328, 0.3902
Android (android.graphics.Color)	4287931260 (0xFF94A37C)
YUV	154.0690, -14.8240, -5.3225
Hunter-Lab	58.3500, -13.2819, 16.2772

Details

The CIELCh color **65, 22.299, 123.737** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **55, 23.222, 306.256**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 22.256, 124.196**, and **45, 22.022, 123.521** is the 20% darker color. If you saturate the color by 10%, you get **64, 31.492, 123.224**, and if you desaturate by 10%, it is **66, 12.990, 124.258**.

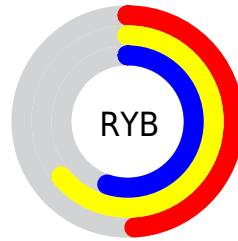
Distribution



Red (58%)

Green (64%)

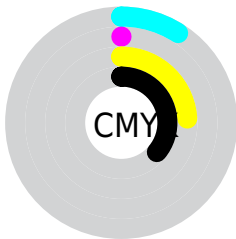
Blue (49%)



Red (49%)

Yellow (64%)

Blue (55%)

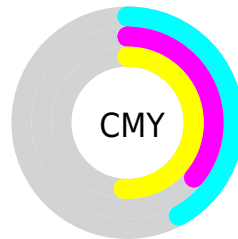


Cyan (9%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (42%)


Magenta (36%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.299, 123.737 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, 22.299, 123.737 by changing the saturation by 10% instead.


 65, 22.299,
123.737


 65, 22.299,
123.737


 100, 22.299,
123.737


 55, 22.299,
123.737


 85, 22.299,
123.737

 45, 22.299,
123.737

 95, 22.299,
123.737

 35, 22.299,
123.737

 25, 22.299,
123.737

 15, 22.299,
123.737

 5, 22.299, 123.737

 0, 22.299, 123.737

65, 22.299,
123.737

65, 22.299,
123.737

64, 31.492,
123.224

66, 12.990,
124.258

64, 40.450,
122.736

67, 3.639, 124.771

63, 49.008,
122.320

68, 5.697, 305.215

62, 56.923,
122.040

69, 14.980,
305.667

62, 63.861,
121.986

70, 24.179,
306.080

61, 69.427,
122.272

71, 33.275,
306.458


61, 73.286,
123.004

72, 42.254,
306.804

61, 75.121,

73, 51.103,
307.119

123.559

 74, 51.609,
309.319

Harmonies

Complementary

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



65, 22.299, 123.737



55, 23.222, 306.256

Rectangle

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



65, 22.299, 123.737



65, 22.299, 173.737



65, 22.299, 303.737



65, 22.299, 353.737

Sweetspot

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



65, 22.301, 123.739



84, 8.077, 124.604



60, 13.164, 59.609



45, 5.290, 124.576



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, 22.301, 123.739



82, 33.362, 123.447



64, 25.600, 139.929



34, 5.284, 124.495



55, 68.916, 123.403



5, 8.334, 126.993

Inverse Universe

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



55, 23.222, 306.256



66, 35.108, 306.617



57, 25.756, 322.355



32, 5.370, 305.403



20, 83.895, 309.799



1, 8.196, 303.607

Previews

White Background



This preview shows how the CIELCh color 65, 22.299, 123.737 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, 22.299, 123.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

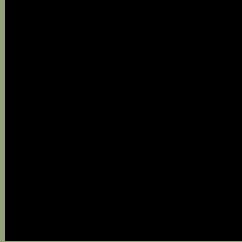
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 22.299, 123.737

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.299, 123.737.



This preview shows how white text looks on a background with the CIELCh color 65, 22.299, 123.737.

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, 22.299, 123.737

Protanopia
65, 20.398, 94.979

Deuteranopia
65, 19.052, 64.000



Tritanopia
65, 7.256, 285.126

Trichromacy



Original Color
65, 22.299, 123.737

Protanomaly
65, 20.383, 105.645

Deuteranomaly
65, 17.247, 87.243

Tritanomaly
65, 4.066, 144.288

Monochromacy



Original Color
65, 22.299, 123.737

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.029, 123.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.299, 123.737 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.299, 123.737 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, 124) }
```

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

```
.border{ border-color:rgb(148, 163, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 124);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.299, 123.737 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, 124) }
```

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

```
.background{ background-color: rgb(148,  
163, 124) }
```

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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