

Converting Colors

CIELCh(65, 21.531, 124.368)

Have a look what the booklet for
CIELCh(65, 21.531, 124.368)
contains.

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Color

CIELCh(65, 21.254, 124.587)

Conversions

Conversions Part 1

Format	Color
Hex	94A37E
RGB	148, 163, 126
RGB Percent	58%, 64%, 49%
CMY	0.4192, 0.3603, 0.5055
CMYK	0.09, 0.00, 0.23, 0.36
HSL	84°, 17%, 57%
HSV	84°, 23%, 64%
XYZ	29.1206, 34.0472, 24.8102
YIQ	154.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

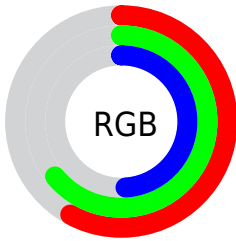
Format	Color
R_{YB}	126, 163, 141
Decimal	9741182
CIE _{Lab}	65.00, -12.06, 17.50
CIE _{LCh}	65, 21.254, 124.587
Yxy	34.0472, 0.3310, 0.3870
Android (android.graphics.Color)	4287931262 (0xFF94A37E)
YUV	154.2970, -13.9504, -5.5225
Hunter-Lab	58.3500, -13.0288, 15.6351

Details

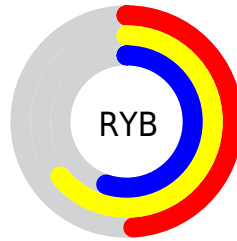
The CIELCh color $65, 21.254, 124.587$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 22.055, 306.897$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 21.260, 124.994$, and $45, 20.920, 124.480$ is the 20% darker color. If you saturate the color by 10%, you get $64, 30.509, 124.083$, and if you desaturate by 10%, it is $66, 11.898, 125.095$.

Distribution



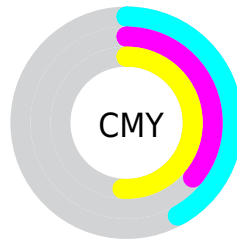
- Red (58%)
- Green (64%)
- Blue (49%)



- 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, 21.254, 124.587 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, 21.254, 124.587 by changing the saturation by 10% instead.

 65, 21.254,
124.587


 65, 21.254,
124.587


 100, 21.254,
124.587


 55, 21.254,
124.587


 85, 21.254,
124.587

 45, 21.254,
124.587

 95, 21.254,
124.587

 35, 21.254,
124.587

 25, 21.254,
124.587

 15, 21.254,
124.587

 5, 21.254, 124.587

 0, 21.254, 124.587

65, 21.254,
124.587

65, 21.254,
124.587

64, 30.509,
124.083

66, 11.898,
125.095

63, 39.548,
123.599

67, 2.513, 125.603

63, 48.212,
123.179

68, 6.848, 306.020

62, 56.271,
122.884

69, 16.145,
306.452

62, 63.401,
122.804

70, 25.352,
306.846

61, 69.211,
123.051

71, 34.447,
307.206


61, 73.347,
123.737

72, 43.417,
307.534

61, 75.598,

73, 51.436,
308.031

124.415

 74, 51.883,
310.372

Harmonies

Complementary

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



65, 21.254, 124.587



55, 22.055, 306.897

Rectangle

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



65, 21.254, 124.587



65, 21.254, 174.587



65, 21.254, 304.587



65, 21.254, 354.587

Sweetspot

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



65, 21.256, 124.589



84, 8.109, 125.372



60, 12.470, 61.622



45, 5.312, 125.345



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, 21.256, 124.589



82, 31.226, 124.345



64, 24.415, 140.451



34, 5.305, 125.266



54, 69.382, 124.257



4, 8.367, 127.695

Inverse Universe

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



55, 22.055, 306.897



68, 32.678, 307.189



57, 24.537, 322.788



32, 5.389, 306.146



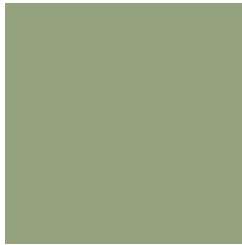
20, 83.546, 310.170



1, 8.222, 304.302

Previews

White Background



This preview shows how the CIELCh color 65, 21.254, 124.587 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, 21.254, 124.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

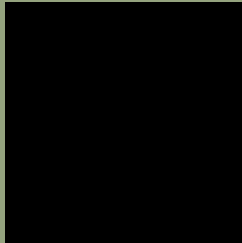
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 21.254, 124.587

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.254, 124.587.



This preview shows how white text looks on a background with the CIELCh color 65, 21.254, 124.587.

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, 21.254, 124.587

Protanopia
65, 19.328, 94.417

Deuteranopia
65, 18.236, 61.775



Tritanopia
65, 7.296, 282.256

Trichromacy



Original Color
65, 21.254, 124.587

Protanomaly
65, 19.293, 105.642

Deuteranomaly
65, 16.212, 86.037

Tritanomaly
65, 3.877, 153.499

Monochromacy



Original Color
65, 21.254, 124.587

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, 21.254, 124.587 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.254, 124.587 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, 126) }
```

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

```
.border{ border-color:rgb(148, 163, 126) }
```

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, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.254, 124.587 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, 126) }
```

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

```
.background{ background-color: rgb(148,  
163, 126) }
```

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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