

Converting Colors

CIELCh(65, 21.139, 10.461)

Have a look what the booklet for
CIELCh(65, 21.139, 10.461) contains.

CIELCh(65, 21.141, 9.594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 21.141, 9.594)

Conversions

Conversions Part 1

Format	Color
Hex	C49098
RGB	196, 144, 152
RGB Percent	77%, 56%, 60%
CMY	0.2305, 0.4345, 0.4031
CMYK	0.00, 0.27, 0.22, 0.23
HSL	351°, 31%, 67%
HSV	351°, 27%, 77%
XYZ	38.5101, 34.0472, 34.3359
YIQ	160.4600, 28.4240, 13.5120

Conversions

Conversions Part 2

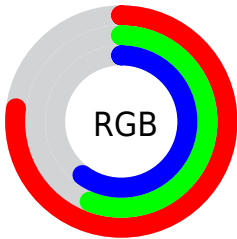
Format	Color
RYB	196, 144, 152
Decimal	12882072
CIELab	65.00, 20.85, 3.52
CIElCh	65, 21.141, 9.594
Yxy	34.0472, 0.3603, 0.3185
Android (android.graphics.Color)	4291072152 (0xFFC49098)
YUV	160.4600, -4.1708, 31.1686
Hunter-Lab	58.3500, 15.6949, 5.9559

Details

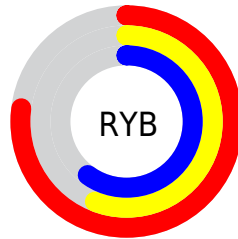
The CIELCh color **65, 21.141, 9.594** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 18.666, 184.569**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.031, 9.668**, and **45, 21.107, 9.570** is the 20% darker color. If you saturate the color by 10%, you get **60, 29.815, 11.083**, and if you desaturate by 10%, it is **70, 12.810, 8.375**.

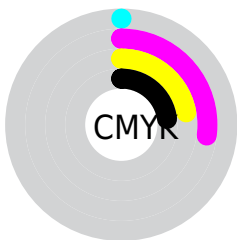
Distribution



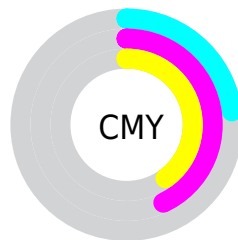
- Red (77%)
- Green (56%)
- Blue (60%)



- Red (77%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (23%)



- Cyan (23%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 21.141, 9.594 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, 21.141, 9.594 by changing the saturation by 10% instead.

 65, 21.141, 9.594  65, 21.141, 9.594

 100, 21.141, 9.594  55, 21.141, 9.594

 85, 21.141, 9.594  45, 21.141, 9.594

 95, 21.141, 9.594  35, 21.141, 9.594

 25, 21.141, 9.594

 15, 21.141, 9.594

 5, 21.141, 9.594

 0, 21.141, 9.594

 65, 21.141, 9.594  65, 21.141, 9.594

 60, 29.815, 11.083  70, 12.810, 8.375

■ 55, 38.690, 12.928

■ 76, 4.905, 7.306

■ 51, 47.527, 15.252

■ 81, 2.552, 186.764

■ 47, 56.021, 18.198

■ 87, 9.568, 185.886

■ 44, 63.859, 21.893

■ 92, 16.171,
185.229

■ 42, 70.825, 26.361

■ 96, 19.477,
193.405

■ 41, 76.845, 31.331

■ 41, 78.855, 32.931

■ 96, 19.248,
198.235

Harmonies

Complementary

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



65, 21.141, 9.594



76, 18.666, 184.569

Rectangle

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



65, 21.141, 9.594



65, 21.141, 59.594



65, 21.141, 189.594



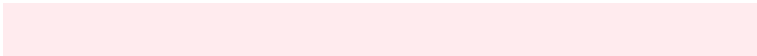
65, 21.141, 239.594

Sweetspot

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



65, 21.139, 9.598



95, 7.497, 7.479



65, 32.783, 320.994



50, 5.352, 7.639



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 21.139, 9.598



79, 32.041, 10.451



69, 17.139, 53.691



38, 4.267, 7.608



33, 67.433, 32.117



3, 14.177, 11.069

Inverse Universe

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



65, 21.139, 9.598



79, 32.041, 10.451



71, 14.828, 238.592



38, 4.267, 7.608



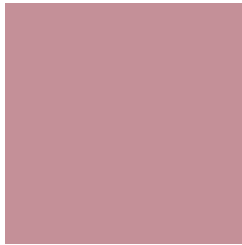
33, 67.433, 32.117



3, 14.177, 11.069

Previews

White Background



This preview shows how the CIELCh color 65, 21.141, 9.594 looks on a white background.

Color Contrast Check

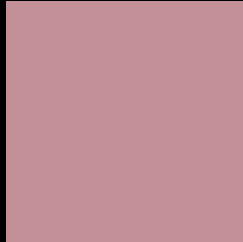
Large Text (above 18pt) WCAG AA × Fail

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, 21.141, 9.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

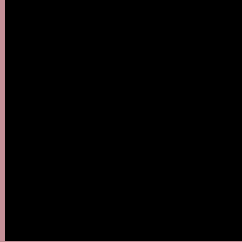
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 21.141, 9.594

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.141, 9.594.



This preview shows how white text looks on a background with the CIELCh color 65, 21.141, 9.594.

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, 21.141, 9.594

Protanopia

65, 2.038, 324.435

Deuteranopia

65, 9.165, 27.100



Tritanopia
65, 21.777, 5.571

Trichromacy



Original Color
65, 21.141, 9.594

Protanomaly
65, 8.629, 1.500

Deuteranomaly
65, 13.125, 18.239

Tritanomaly
65, 21.684, 6.992

Monochromacy



Original Color
65, 21.141, 9.594

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.569, 7.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.141, 9.594 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(196, 144, 152)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 152)  
}
```

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(196, 144, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.141, 9.594 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(196, 144, 152) }
```

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

```
.border{ border-color:rgb(196, 144, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 144, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 144, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 144, 152);  
box-shadow:4px 4px 4px 4px rgb(196, 144,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.141, 9.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 144, 152) }
```

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

```
.background{ background-color: rgb(196,  
144, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor