

Converting Colors

CIELCh(34, 22.132, 228.060)

Have a look what the booklet for
CIELCh(34, 22.132, 228.060)
contains.

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Color

CIELCh(34, 22.207, 228.114)

Conversions

Conversions Part 1

Format	Color
Hex	08586A
RGB	8, 88, 106
RGB Percent	3%, 35%, 42%
CMY	0.9680, 0.6563, 0.5857
CMYK	0.92, 0.17, 0.00, 0.59
HSL	191°, 86%, 22%
HSV	191°, 92%, 41%
XYZ	6.1463, 8.0082, 14.7598
YIQ	66.1320, -53.4580, -11.3620

Conversions

Conversions Part 2

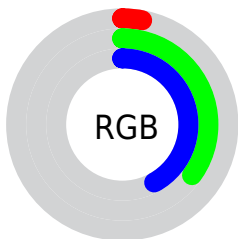
Format	Color
RYB	8, 52, 106
Decimal	546922
CIELab	34.00, -14.83, -16.53
CIELCh	34, 22.207, 228.114
Yxy	8.0082, 0.2126, 0.2770
Android (android.graphics.Color)	4278737002 (0xFF08586A)
YUV	66.1320, 19.6549, -50.9818
Hunter-Lab	28.2988, -10.7543, -11.1148

Details

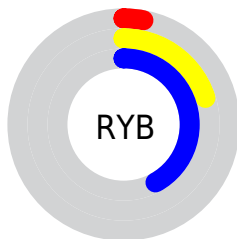
The CIELCh color **34, 22.207, 228.114** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23, 46.007, 41.672**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 22.254, 227.537**, and **15, 16.128, 246.342** is the 20% darker color. If you saturate the color by 10%, you get **33, 22.796, 230.164**, and if you desaturate by 10%, it is **35, 21.354, 225.541**.

Distribution



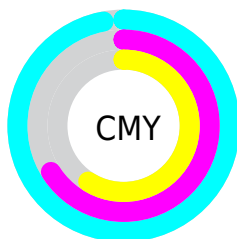
- Red (3%)
- Green (35%)
- Blue (42%)



- Red (3%)
- Yellow (20%)
- Blue (42%)



- Cyan (92%)
- Magenta (17%)
- Yellow (0%)
- Black (59%)





- Cyan (97%)
- Magenta (66%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 22.207, 228.114 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 34, 22.207, 228.114 by changing the saturation by 10% instead.


 34, 22.207,
228.114

 34, 22.207,
228.114

 100, 22.207,
228.114


 24, 22.207,
228.114

 54, 22.207,
228.114


 14, 22.207,
228.114


 64, 22.207,
228.114

 4, 22.207, 228.114

 74, 22.207,
228.114

 0, 22.207, 228.114

 84, 22.207,
228.114

 94, 22.207,
228.114

■ 34, 22.207,
228.114

■ 34, 22.207,
228.114

■ 33, 22.796,
230.164

■ 35, 21.354,
225.541

■ 36, 20.097,
223.457

■ 37, 18.409,
221.812

■ 38, 16.299,
220.538

■ 39, 13.799,
219.573

■ 40, 10.953,
218.861

■ 42, 7.811, 218.358

■ 43, 4.423, 218.038

Harmonies

Complementary

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



34, 22.207, 228.114



23, 46.007, 41.672

Rectangle

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



34, 22.207, 228.114



34, 22.207, 278.114



34, 22.207, 48.114



34, 22.207, 98.114

Sweetspot

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



34, 22.206, 228.114



53, 11.959, 218.665



38, 55.516, 140.042



26, 8.104, 218.845



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



34, 22.206, 228.114



43, 27.589, 231.240



18, 45.495, 293.272



22, 2.066, 217.979



37, 24.564, 230.616



75, 42.385, 232.902

Inverse Universe

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



23, 51.273, 336.076



31, 63.520, 336.975



34, 40.788, 79.930



21, 3.878, 330.481



26, 56.713, 336.809



56, 96.826, 337.423

Previews

White Background



This preview shows how the CIE LCh color 34, 22.207, 228.114 looks on a white 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

Black Background



This preview shows how the CIELCh color 34, 22.207, 228.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

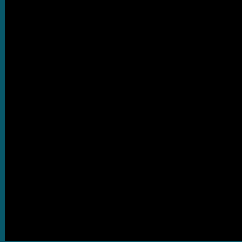
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 22.207, 228.114

Background



This preview shows how black text looks on a background with the CIELCh color 34, 22.207, 228.114.



This preview shows how white text looks on a background with the CIELCh color 34, 22.207, 228.114.

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


34, 22.275, 228.002

Protanopia

34, 12.607, 285.274

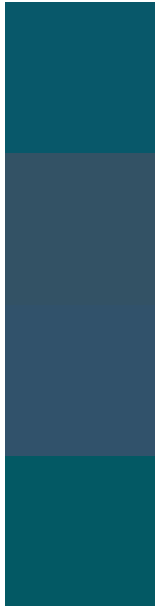
Deuteranopia

34, 18.278, 285.219



Tritanopia
34, 22.463, 208.059

Trichromacy



Original Color
34, 22.275, 228.002

Protanomaly
33, 15.629, 248.828

Deuteranomaly
33, 18.601, 256.928

Tritanomaly
34, 22.158, 215.188

Monochromacy



Original Color
34, 22.275, 228.002

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 11.431, 217.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 22.207, 228.114 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(8, 88, 106)` looks like.

```
.text, #text, p{  
    color:rgb(8, 88, 106)  
}
```

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(8, 88, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 88, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 22.207, 228.114 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(8, 88, 106) }
```

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

```
.border{ border-color:rgb(8, 88, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 88, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 88, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 88, 106);  
box-shadow:4px 4px 4px 4px rgb(8, 88, 106)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 22.207, 228.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 88, 106) }
```

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

```
.background{ background-color: rgb(8, 88,  
106) }
```

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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