

Converting Colors

CIELCh(14, 19.844, 345.055)

Have a look what the booklet for
CIELCh(14, 19.844, 345.055)
contains.

CIELCh(14, 20.240, 345.566)	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(14, 20.240, 345.566)

Conversions

Conversions Part 1

Format	Color
Hex	3A182B
RGB	58, 24, 43
RGB Percent	23%, 9%, 17%
CMY	0.7724, 0.9058, 0.8312
CMYK	0.00, 0.59, 0.26, 0.77
HSL	326°, 41%, 16%
HSV	326°, 59%, 23%
XYZ	2.5108, 1.7298, 2.4901
YIQ	36.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

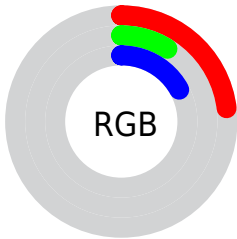
Format	Color
R_{YB}	58, 24, 43
Decimal	3807275
CIE _{Lab}	14.00, 19.60, -5.05
CIE _{LCh}	14, 20.240, 345.566
Yxy	1.7298, 0.3730, 0.2570
Android (android.graphics.Color)	4281997355 (0xFF3A182B)
YUV	36.3320, 3.2873, 19.0028
Hunter-Lab	13.1521, 11.0604, -2.0188

Details

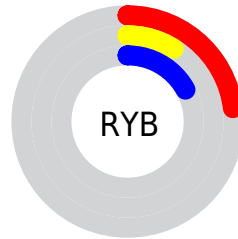
The CIELCh color **14, 20.240, 345.566** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **21, 19.523, 155.450**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 19.641, 345.995**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 23.210, 346.801**, and if you desaturate by 10%, it is **16, 16.975, 344.492**.

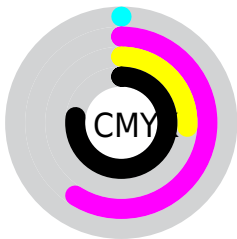
Distribution



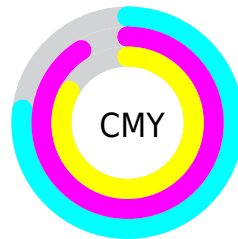
- Red (23%)
- Green (9%)
- Blue (17%)



- Red (23%)
- Yellow (9%)
- Blue (17%)



- Cyan (0%)
- Magenta (59%)
- Yellow (26%)
- Black (77%)




- Cyan (77%)
- Magenta (91%)
- Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 20.240, 345.566 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 14, 20.240, 345.566 by changing the saturation by 10% instead.

 14, 20.240,
345.566

 14, 20.240,
345.566

 100, 20.240,
345.566

 4, 20.240, 345.566

 34, 20.240,
345.566

 0, 20.240, 345.566

 44, 20.240,
345.566

 54, 20.240,
345.566


 64, 20.240,
345.566


 74, 20.240,
345.566


 84, 20.240,


345.566


 94, 20.240,
345.566


 14, 20.240,
345.566


 14, 20.240,
345.566


 13, 23.210,
346.801

 16, 16.975,
344.492

 11, 25.755,
348.246


 17, 13.535,
343.538

 10, 27.907,
349.863

 19, 10.011,
342.676

 9, 30.338, 351.225

 21, 6.472, 341.886

 9, 30.714, 351.392

 23, 2.965, 341.138

 25, 0.479, 160.863

■ 27, 3.842, 159.949

■ 29, 7.113, 159.350

■ 31, 10.290,
158.800

Harmonies

Complementary

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



14, 20.240, 345.566



21, 19.523, 155.450

Rectangle

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



14, 20.240, 345.566



14, 20.240, 35.566



14, 20.240, 165.566



14, 20.240, 215.566

Sweetspot

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



14, 20.239, 345.567



28, 7.895, 341.909



12, 25.149, 309.590



12, 5.389, 341.993



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



14, 20.239, 345.567



18, 29.417, 347.473



13, 18.197, 20.363



9, 1.858, 341.115



18, 41.220, 353.922



48, 76.614, 356.990

Inverse Universe

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



14, 20.239, 345.567



18, 29.417, 347.473



22, 13.223, 190.387



9, 1.858, 341.115



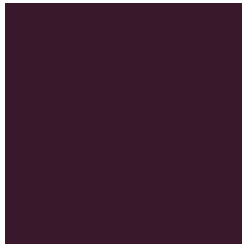
18, 41.220, 353.922



48, 76.614, 356.990

Previews

White Background



This preview shows how the CIE LCh color 14, 20.240, 345.566 looks on a white background.

Color Contrast Check

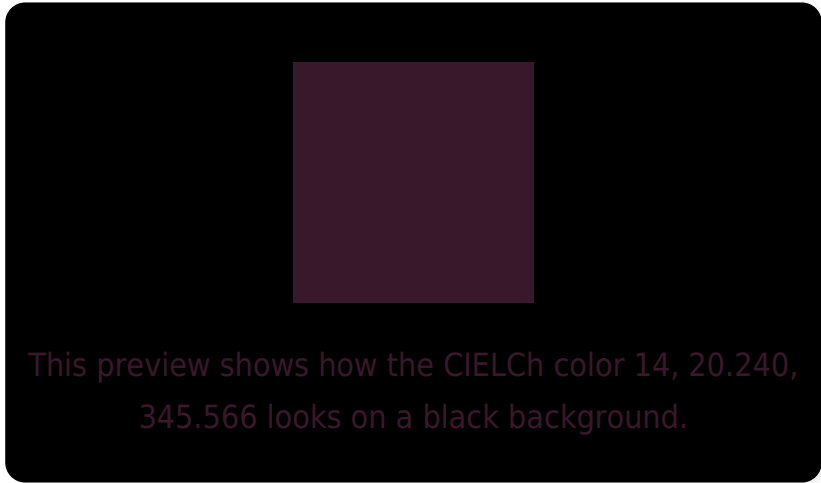
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

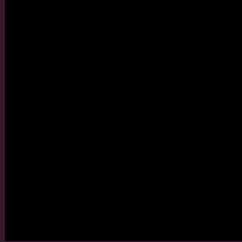
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 20.240, 345.566

Background



This preview shows how black text looks on a background with the CIELCh color 14, 20.240, 345.566.



This preview shows how white text looks on a background with the CIELCh color 14, 20.240, 345.566.

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

14, 20.240, 345.566

Protanopia

14, 10.725, 284.247

Deuteranopia

15, 3.688, 305.984



Tritanopia
14, 15.909, 19.262

Trichromacy



Original Color
14, 20.240, 345.566

Protanomaly
14, 12.152, 312.463

Deuteranomaly
14, 9.423, 333.161

Tritanomaly
14, 16.464, 5.090

Monochromacy



Original Color
14, 20.240, 345.566

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 7.676, 341.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 20.240, 345.566 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(58, 24, 43)` looks like.

```
.text, #text, p{  
    color:rgb(58, 24, 43)  
}
```

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(58, 24, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 24, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 20.240, 345.566 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(58, 24, 43) }
```

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

```
.border{ border-color:rgb(58, 24, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 24, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 24, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 24, 43);  
box-shadow:4px 4px 4px 4px rgb(58, 24, 43)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 20.240, 345.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 24, 43) }
```

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

```
.background{ background-color: rgb(58, 24,  
43) }
```

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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