

Converting Colors

CIELCh(40, 53.173, 1.485)

Have a look what the booklet for
CIELCh(40, 53.173, 1.485) contains.

CIELCh(40, 53.207, 1.326)	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(40, 53.207, 1.326)

Conversions

Conversions Part 1

Format	Color
Hex	A92E5E
RGB	169, 46, 94
RGB Percent	66%, 18%, 37%
CMY	0.3362, 0.8185, 0.6305
CMYK	0.00, 0.73, 0.44, 0.34
HSL	337°, 57%, 42%
HSV	337°, 73%, 66%
XYZ	19.4358, 11.2510, 11.7877
YIQ	88.2490, 57.9000, 41.0040

Conversions

Conversions Part 2

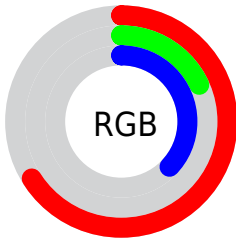
Format	Color
R_{YB}	169, 46, 94
Decimal	11087454
CIE _{Lab}	40.00, 53.19, 1.23
CIE _{LCh}	40, 53.207, 1.326
Yxy	11.2510, 0.4576, 0.2649
Android (android.graphics.Color)	4289277534 (0xFFA92E5E)
YUV	88.2490, 2.8352, 70.8186
Hunter-Lab	33.5425, 44.7306, 2.6437

Details

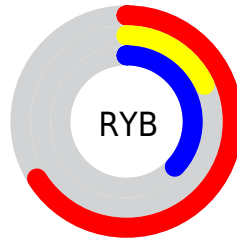
The CIELCh color **40, 53.207, 1.326** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **62, 47.354, 161.140**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 53.042, 1.418**, and **23, 46.025, 6.459** is the 20% darker color. If you saturate the color by 10%, you get **38, 57.692, 4.654**, and if you desaturate by 10%, it is **43, 47.372, 358.698**.

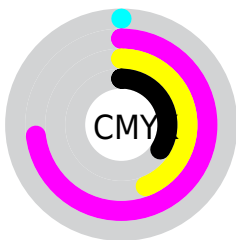
Distribution



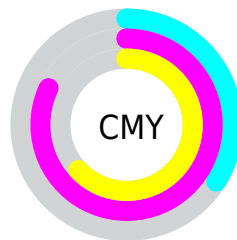
- Red (66%)
- Green (18%)
- Blue (37%)



- Red (66%)
- Yellow (18%)
- Blue (37%)



- Cyan (0%)
- Magenta (73%)
- Yellow (44%)
- Black (34%)




- Cyan (34%)
- Magenta (82%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 40, 53.207, 1.326 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 40, 53.207, 1.326 by changing the saturation by 10% instead.

 40, 53.207, 1.326  40, 53.207, 1.326

 100, 53.207, 1.326  30, 53.207, 1.326



 60, 53.207, 1.326  20, 53.207, 1.326

 70, 53.207, 1.326  10, 53.207, 1.326

 80, 53.207, 1.326  0, 53.207, 1.326

 90, 53.207, 1.326

 40, 53.207, 1.326  40, 53.207, 1.326

 38, 57.692, 4.654  43, 47.372,
358.698

 36, 60.729, 8.835

 36, 62.462, 12.279  46, 40.516,
356.597

50, 33.013,
354.885

54, 25.196,
353.457

59, 17.315,
352.237

63, 9.541, 351.166

68, 1.975, 350.079

73, 5.330, 169.522

78, 12.353,
168.731

Harmonies

Complementary

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



40, 53.207, 1.326



62, 47.354, 161.140

Rectangle

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



40, 53.207, 1.326



40, 53.207, 51.326



40, 53.207, 181.326



40, 53.207, 231.326

Sweetspot

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



40, 53.204, 1.327



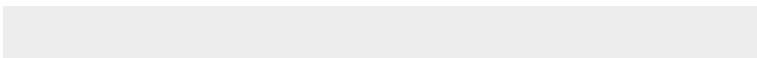
75, 20.748, 352.207



36, 74.397, 315.283



38, 13.961, 352.503



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



40, 53.204, 1.327



48, 72.355, 7.004



41, 54.938, 35.598



33, 4.223, 350.824



31, 56.498, 11.637



2, 7.351, 353.545

Inverse Universe

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



40, 53.204, 1.327



48, 72.355, 7.004



59, 30.310, 210.376



33, 4.223, 350.824



31, 56.498, 11.637



2, 7.351, 353.545

Previews

White Background



This preview shows how the CIE LCh color 40, 53.207, 1.326 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 × Fail

Black Background



This preview shows how the CIE LCh color 40, 53.207, 1.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

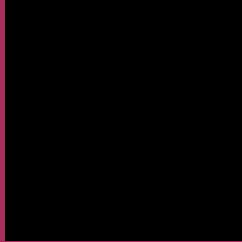
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 40, 53.207, 1.326

Background



This preview shows how black text looks on a background with the CIELCh color 40, 53.207, 1.326.



This preview shows how white text looks on a background with the CIELCh color 40, 53.207, 1.326.

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
40, 53.207, 1.326

Protanopia
40, 17.725, 285.753

Deuteranopia
40, 7.010, 40.314



Tritanopia
40, 51.911, 27.400

Trichromacy



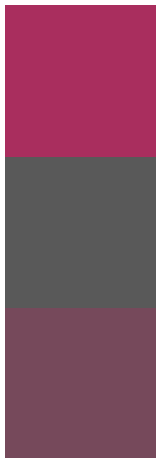
Original Color
40, 53.207, 1.326

Protanomaly
38, 27.209, 329.916

Deuteranomaly
39, 25.338, 2.916

Tritanomaly
40, 51.074, 18.025

Monochromacy



Original Color
40, 53.207, 1.326

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 22.055, 353.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 40, 53.207, 1.326 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(169, 46, 94)` looks like.

```
.text, #text, p{  
    color:rgb(169, 46, 94)  
}
```

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(169, 46, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 46, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 40, 53.207, 1.326 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(169, 46, 94) }
```

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

```
.border{ border-color:rgb(169, 46, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 46, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 46, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 46, 94);  
box-shadow:4px 4px 4px 4px rgb(169, 46,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 40, 53.207, 1.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 46, 94) }
```

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

```
.background{ background-color: rgb(169, 46,  
94) }
```

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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