

Converting Colors

CIELCh(39, 21.073, 144.773)

Have a look what the booklet for
CIELCh(39, 21.073, 144.773)
contains.

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Color

CIELCh(39, 20.871, 145.257)

Conversions

Conversions Part 1

Format	Color
Hex	456348
RGB	69, 99, 72
RGB Percent	27%, 39%, 28%
CMY	0.7294, 0.6117, 0.7176
CMYK	0.30, 0.00, 0.27, 0.61
HSL	126°, 18%, 33%
HSV	126°, 30%, 39%
XYZ	8.0875, 10.6589, 7.7635
YIQ	86.9520, -9.2130, -14.7570

Conversions

Conversions Part 2

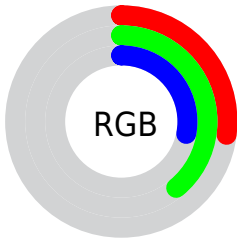
Format	Color
RYB	69, 96, 99
Decimal	4547400
CIELab	39.00, -17.15, 11.89
CIElCh	39, 20.871, 145.257
Yxy	10.6589, 0.3051, 0.4021
Android (android.graphics.Color)	4282737480 (0xFF456348)
YUV	86.9520, -7.3713, -15.7439
Hunter-Lab	32.6480, -12.9162, 8.7549

Details

The CIELCh color $39, 20.871, 145.257$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $33, 20.896, 328.916$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 20.756, 145.701$, and $19, 20.799, 144.826$ is the 20% darker color. If you saturate the color by 10%, you get $38, 27.640, 144.370$, and if you desaturate by 10%, it is $40, 13.979, 146.030$.

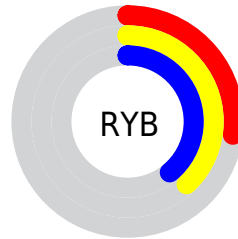
Distribution



Red (27%)

Green (39%)

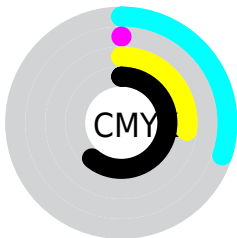
Blue (28%)



Red (27%)

Yellow (38%)

Blue (39%)

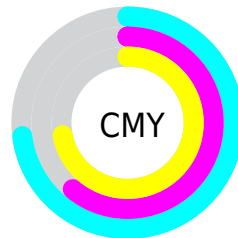


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (61%)



Cyan (73%)


Magenta (61%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 20.871, 145.257 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 39, 20.871, 145.257 by changing the saturation by 10% instead.


 39, 20.871,
145.257


 39, 20.871,
145.257

 100, 20.871,
145.257


 29, 20.871,
145.257

 59, 20.871,
145.257

 19, 20.871,
145.257


 69, 20.871,
145.257

 9, 20.871, 145.257

 79, 20.871,
145.257

 0, 20.871, 145.257

 89, 20.871,
145.257

 99, 20.871,
145.257

■ 39, 20.871,
145.257

■ 39, 20.871,
145.257

■ 38, 27.640,
144.370

■ 40, 13.979,
146.030

■ 38, 34.160,
143.360

■ 41, 7.063, 146.707

■ 37, 40.284,
142.232

■ 42, 0.201, 148.100

■ 43, 6.549, 327.726

■ 37, 45.847,
141.006

■ 44, 13.147,
328.167

■ 36, 50.670,
139.730

■ 46, 19.567,
328.543

■ 36, 54.574,
138.486

■ 47, 25.795,
328.869

■ 36, 57.535,
137.652

■ 49, 31.825,
329.154

■ 50, 37.656,
329.405

Harmonies

Complementary

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



39, 20.871, 145.257



33, 20.896, 328.916

Rectangle

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



39, 20.871, 145.257



39, 20.871, 195.257



39, 20.871, 325.257



39, 20.871, 15.257

Sweetspot

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



39, 20.872, 145.257



52, 7.591, 146.774



41, 17.990, 111.799



26, 5.232, 146.708



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



39, 20.872, 145.257



49, 30.457, 144.674



39, 14.274, 166.681



19, 3.773, 146.799



41, 63.153, 137.449



83, 112.298, 136.742

Inverse Universe

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



33, 20.896, 328.916



41, 30.462, 329.286



33, 15.094, 352.301



18, 3.782, 327.721



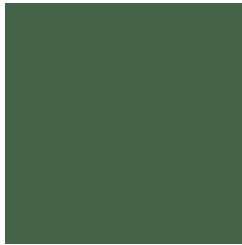
25, 58.524, 332.447



55, 101.827, 332.743

Previews

White Background



This preview shows how the CIELCh color 39, 20.871, 145.257 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 CIELCh color 39, 20.871, 145.257 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 39, 20.871, 145.257

Background



This preview shows how black text looks on a background with the CIELCh color 39, 20.871, 145.257.



This preview shows how white text looks on a background with the CIELCh color 39, 20.871, 145.257.

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](#).

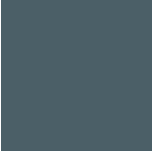
Dichromacy



Original Color
39, 20.871, 145.257

Protanopia
39, 13.773, 94.472

Deuteranopia
39, 11.981, 65.183



Tritanopia
39, 8.944, 232.011

Trichromacy



Original Color
39, 20.871, 145.257

Protanomaly
39, 14.887, 120.099

Deuteranomaly
39, 11.561, 106.094

Tritanomaly
39, 9.583, 183.308

Monochromacy



Original Color
39, 20.871, 145.257

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 7.298, 149.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 20.871, 145.257 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(69, 99, 72)` looks like.

```
.text, #text, p{  
    color:rgb(69, 99, 72)  
}
```

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(69, 99, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 99, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 20.871, 145.257 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(69, 99, 72) }
```

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

```
.border{ border-color:rgb(69, 99, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 99, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 99, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 99, 72);  
box-shadow:4px 4px 4px 4px rgb(69, 99, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 20.871, 145.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 99, 72) }
```

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

```
.background{ background-color: rgb(69, 99,  
72) }
```

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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