

Converting Colors

CIELCh(44, 55.582, 141.717)

Have a look what the booklet for
CIELCh(44, 55.582, 141.717)
contains.

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Color

CIELCh(44, 55.582, 141.717)

Conversions

Conversions Part 1

Format	Color
Hex	19782A
RGB	25, 120, 42
RGB Percent	10%, 47%, 16%
CMY	0.9012, 0.5289, 0.8349
CMYK	0.79, 0.00, 0.65, 0.53
HSL	131°, 65%, 28%
HSV	131°, 79%, 47%
XYZ	7.5560, 13.8382, 4.4736
YIQ	82.7030, -31.5820, -44.3980

Conversions

Conversions Part 2

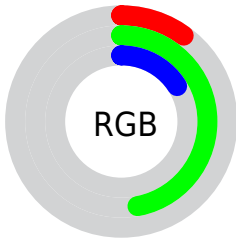
Format	Color
R_{YB}	25, 106, 120
Decimal	1669162
CIE _{Lab}	44.00, -43.63, 34.44
CIE _{LCh}	44, 55.582, 141.717
Yxy	13.8382, 0.2921, 0.5350
Android (android.graphics.Color)	4279859242 (0xFF19782A)
YUV	82.7030, -20.0666, -50.6055
Hunter-Lab	37.1997, -28.8429, 18.9097

Details

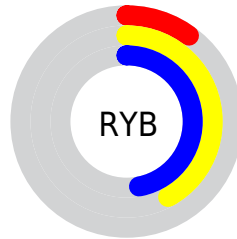
The CIELCh color **44, 55.582, 141.717** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **29, 53.217, 334.841**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 55.312, 141.881**, and **25, 46.996, 136.292** is the 20% darker color. If you saturate the color by 10%, you get **44, 60.222, 140.200**, and if you desaturate by 10%, it is **44, 50.049, 143.180**.

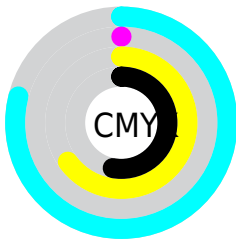
Distribution



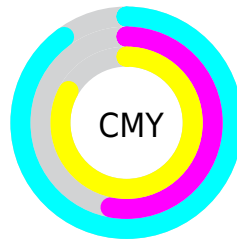
- Red (10%)
- Green (47%)
- Blue (16%)



- Red (10%)
- Yellow (42%)
- Blue (47%)



- Cyan (79%)
- Magenta (0%)
- Yellow (65%)
- Black (53%)



- Cyan (90%)
- Magenta (53%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 55.582, 141.717 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 44, 55.582, 141.717 by changing the saturation by 10% instead.


 44, 55.582,
141.717


 44, 55.582,
141.717


 100, 55.582,
141.717


 34, 55.582,
141.717

 64, 55.582,
141.717


 24, 55.582,
141.717

 74, 55.582,
141.717

 14, 55.582,
141.717

 84, 55.582,
141.717

 4, 55.582, 141.717

 94, 55.582,
141.717

 0, 55.582, 141.717

 44, 55.582,

 44, 55.582,

141.717

141.717

■ 44, 60.222,
140.200

■ 44, 50.049,
143.180

■ 44, 63.961,
138.847

■ 45, 43.779,
144.530

■ 44, 64.285,
138.744

■ 46, 36.936,
145.741

■ 46, 29.681,
146.809

■ 47, 22.167,
147.741

■ 48, 14.524,
148.550

■ 49, 6.862, 149.263

■ 51, 0.735, 329.553

Harmonies

Complementary

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



44, 55.582, 141.717



29, 53.217, 334.841

Rectangle

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



44, 55.582, 141.717



44, 55.582, 191.717



44, 55.582, 321.717



44, 55.582, 11.717

Sweetspot

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



44, 55.582, 141.717



61, 22.648, 148.115



48, 50.118, 112.168



31, 15.679, 147.872



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 55.582, 141.717



56, 76.355, 138.971



45, 36.146, 164.166



25, 4.345, 149.260



45, 66.240, 138.674



87, 113.760, 137.834

Inverse Universe

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



29, 53.217, 334.841



36, 69.015, 336.293



27, 42.757, 7.144



24, 4.357, 330.280



28, 59.561, 336.527



57, 99.562, 337.065

Previews

White Background



This preview shows how the CIELCh color 44, 55.582, 141.717 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 44, 55.582, 141.717 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 44, 55.582, 141.717

Background



This preview shows how black text looks on a background with the CIELCh color 44, 55.582, 141.717.



This preview shows how white text looks on a background with the CIELCh color 44, 55.582, 141.717.

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


44, 55.582, 141.717

Protanopia

44, 38.371, 95.794

Deuteranopia

44, 32.899, 80.253



Tritanopia
44, 19.656, 213.507

Trichromacy



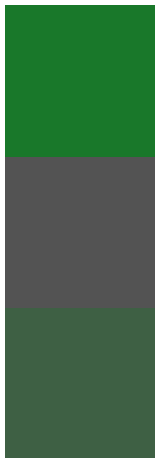
Original Color
44, 55.582, 141.717

Protanomaly
43, 41.746, 121.901

Deuteranomaly
43, 35.693, 117.216

Tritanomaly
44, 29.062, 167.813

Monochromacy



Original Color
44, 55.582, 141.717

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 22.479, 147.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 55.582, 141.717 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(25, 120, 42)` looks like.

```
.text, #text, p{  
    color:rgb(25, 120, 42)  
}
```

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(25, 120, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 120, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 55.582, 141.717 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(25, 120, 42) }
```

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

```
.border{ border-color:rgb(25, 120, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 120, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 120, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 120, 42);  
box-shadow:4px 4px 4px 4px rgb(25, 120,  
42) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 55.582, 141.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 120, 42) }
```

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

```
.background{ background-color: rgb(25, 120,  
42) }
```

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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