

Converting Colors

CIELCh(43, 53.949, 137.524)

Have a look what the booklet for
CIELCh(43, 53.949, 137.524)
contains.

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Color

CIELCh(43, 53.653, 137.597)

Conversions

Conversions Part 1

Format	Color
Hex	297424
RGB	41, 116, 36
RGB Percent	16%, 45%, 14%
CMY	0.8380, 0.5441, 0.8578
CMYK	0.64, 0.00, 0.69, 0.54
HSL	116°, 52%, 30%
HSV	116°, 69%, 46%
XYZ	7.5245, 13.1578, 3.8323
YIQ	84.4550, -19.0200, -40.7800

Conversions

Conversions Part 2

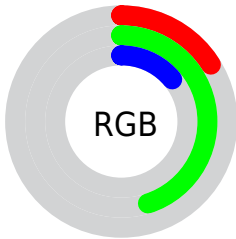
Format	Color
R_{YB}	36, 116, 111
Decimal	2716708
CIE Lab	43.00, -39.62, 36.18
CIE LCh	43, 53.653, 137.597
Yxy	13.1578, 0.3069, 0.5367
Android (android.graphics.Color)	4280906788 (0xFF297424)
YUV	84.4550, -23.8883, -38.1100
Hunter-Lab	36.2736, -26.4515, 19.1275

Details

The CIELCh color **43, 53.653, 137.597** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **29, 53.308, 325.629**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 53.686, 137.659**, and **24, 45.498, 136.491** is the 20% darker color. If you saturate the color by 10%, you get **43, 59.173, 136.784**, and if you desaturate by 10%, it is **44, 47.078, 138.504**.

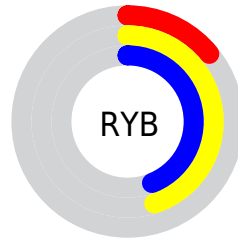
Distribution



Red (16%)

Green (45%)

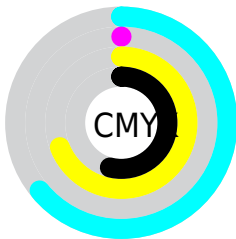
Blue (14%)



Red (14%)

Yellow (45%)

Blue (44%)

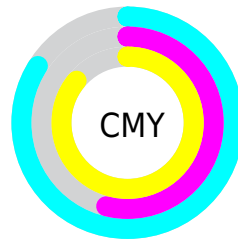


Cyan (64%)

Magenta (0%)

Yellow (69%)

Black (54%)



Cyan (84%)


Magenta (54%)


Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.653, 137.597 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 43, 53.653, 137.597 by changing the saturation by 10% instead.


 43, 53.653,
137.597


 43, 53.653,
137.597


 100, 53.653,
137.597


 33, 53.653,
137.597

 63, 53.653,
137.597


 23, 53.653,
137.597

 73, 53.653,
137.597

 13, 53.653,
137.597

 83, 53.653,
137.597

 3, 53.653, 137.597

 93, 53.653,
137.597

 0, 53.653, 137.597

 43, 53.653,

 43, 53.653,

137.597

137.597

■ 43, 59.173,
136.784

■ 44, 47.078,
138.504

■ 42, 63.326,
136.182

■ 44, 39.747,
139.411

■ 42, 66.301,
135.649

■ 45, 31.915,
140.263

■ 42, 66.645,
135.563

■ 46, 23.785,
141.033

■ 47, 15.518,
141.713

■ 48, 7.236, 142.313

■ 49, 0.969, 322.627

■ 50, 9.035, 323.210

■ 52, 16.916,

Harmonies

Complementary

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



43, 53.653, 137.597



29, 53.308, 325.629

Rectangle

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



43, 53.653, 137.597



43, 53.653, 187.597



43, 53.653, 317.597



43, 53.653, 7.597

Sweetspot

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



43, 53.653, 137.598



59, 21.403, 141.538



46, 41.413, 100.786



31, 14.604, 141.394



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 53.653, 137.598



54, 74.645, 136.375



43, 39.716, 152.753



24, 4.653, 142.300



44, 69.169, 135.589



86, 117.649, 135.826

Inverse Universe

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



29, 53.308, 325.629



35, 73.321, 325.867



28, 40.650, 347.389



23, 4.665, 323.153



27, 67.358, 325.849



56, 114.227, 325.718

Previews

White Background



This preview shows how the CIELCh color 43, 53.653, 137.597 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 43, 53.653, 137.597 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 43, 53.653, 137.597

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.653, 137.597.



This preview shows how white text looks on a background with the CIELCh color 43, 53.653, 137.597.

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

43, 53.653, 137.597

Protanopia

43, 39.312, 95.674

Deuteranopia

43, 34.533, 80.871



Tritanopia
43, 16.916, 214.339

Trichromacy



Original Color
43, 53.653, 137.597

Protanomaly
42, 41.758, 117.358

Deuteranomaly
42, 35.647, 111.062

Tritanomaly
43, 26.362, 163.269

Monochromacy



Original Color
43, 53.653, 137.597

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 21.253, 140.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.653, 137.597 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(41, 116, 36)` looks like.

```
.text, #text, p{  
    color:rgb(41, 116, 36)  
}
```

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(41, 116, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 116, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.653, 137.597 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(41, 116, 36) }
```

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

```
.border{ border-color:rgb(41, 116, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 116, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 116, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 116, 36);  
box-shadow:4px 4px 4px 4px rgb(41, 116,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.653, 137.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 116, 36) }
```

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

```
.background{ background-color: rgb(41, 116,  
36) }
```

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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