

# Labo 4

## Opdracht 1.

### Lossy en lossless compression

Lossy verkleint grootte van een bestand door permanent stukje van originele data te verwijderen.

Lossless verkleint grootte van een bestand door onnodige metadata te verwijderen.

GIF -> Lossless compression

JPEG -> Lossy compression

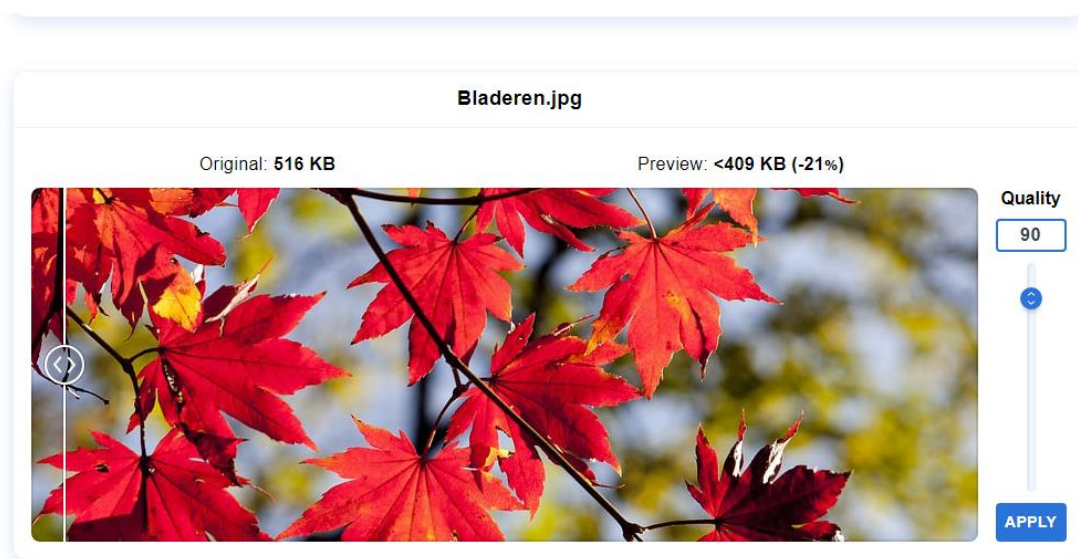
PNG -> Lossless compression

Als je afbeelding herhaaldelijk bewerkt en opslaat in een lossy formaat kunnen er verschillende effecten optreden:

- Kwaliteitsverlies door compressies  
Resultaat: onscherpe afbeeldingen.
- Onomkeerbaarheid van kwaliteit  
Als je meerdere keren afbeelding bewerkt kan het zijn dat je niet meer kan terugkeren naar oorspronkelijke kwaliteit.

## Opdracht 2

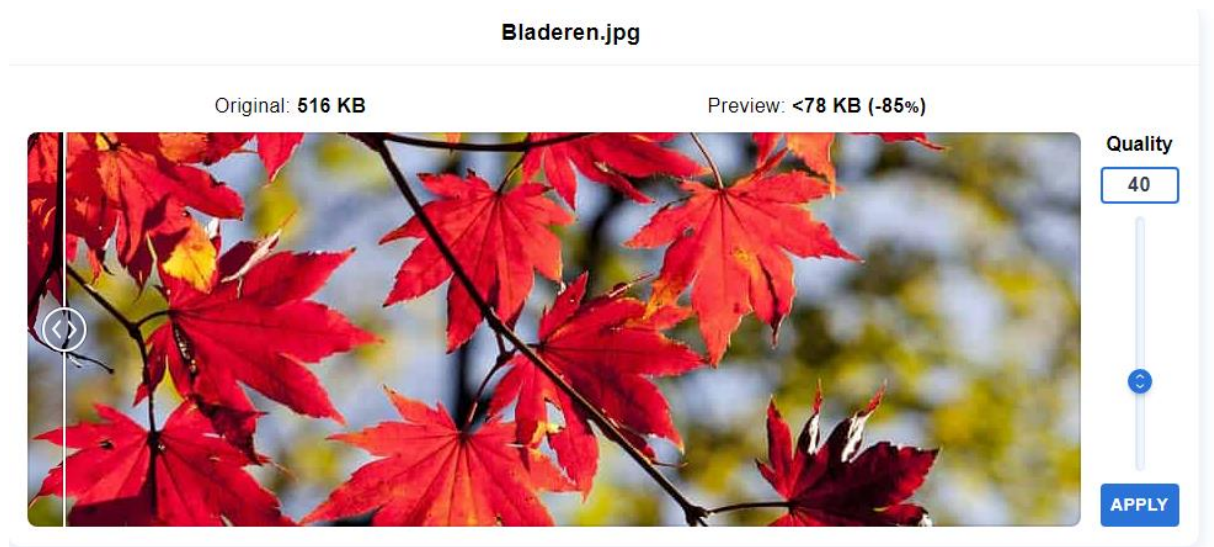
90% - Heel duidelijke randen en scherp foto



70% - Beeld ziet er meer verzaadigd uit.



40% - De randen zijn minder scherp en je ziet de randen niet zo goed, alles is geblurred en minder gedetailerd.



## Opdracht 3

### 1. **Error** End tag `br`.

From line 35, column 29; to line 35, column 33

Sciences, `</br>`Busine

## Opdracht Contact information

- Warning** Section lacks heading. Consider using `<h2>`-`<h6>` elements to [add identifying headings to all sections](#), or else use a `<div>` element instead for any cases where no heading is needed.  
From line 83, column 1; to line 83, column 9  
`</header><div><section>`
- Error** Element `<p>` not allowed as child of element `<ul>` in this context. (Suppressing further errors from this subtree.)  
From line 104, column 9; to line 104, column 11  
`<ul><p>epik ga</p>`  
Contexts in which element `p` may be used:  
Where [flow content](#) is expected.  
Content model for element `ul`:  
Zero or more `li` and [script-supporting](#) elements.
- Error** Element `<p>` not allowed as child of element `<ul>` in this context. (Suppressing further errors from this subtree.)  
From line 106, column 9; to line 106, column 11  
`<ul><p>epik file</p>`  
Contexts in which element `p` may be used:  
Where [flow content](#) is expected.  
Content model for element `ul`:  
Zero or more `li` and [script-supporting](#) elements.
- Error** Element `<p>` not allowed as child of element `<ul>` in this context. (Suppressing further errors from this subtree.)  
From line 108, column 9; to line 108, column 11  
`<ul><p>epik doe</p>`  
Contexts in which element `p` may be used:  
Where [flow content](#) is expected.  
Content model for element `ul`:  
Zero or more `li` and [script-supporting](#) elements.
- Error** End tag `<br>`  
From line 109, column 13; to line 109, column 17  
`<br>`
- Error** An `<img>` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 120, column 13; to line 120, column 45  
``
- Error** An `<img>` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 125, column 13; to line 125, column 44  
``
- Error** An `<img>` element must have an `alt` attribute, except under certain conditions. For details, consult [guidance on providing text alternatives for images](#).  
From line 130, column 5; to line 130, column 36  
``

## Opdracht Personal homepage

1. **Error** Element `ul` not allowed as child of element `ol` in this context. (Suppressing further errors from this subtree.)  
From line 32, column 13; to line 32, column 43  
`<ul style="list-style: circle">`  
Contexts in which element `ul` may be used:  
Where `flow content` is expected.  
Content model for element `ol`:  
Zero or more `li` and `script-supporting` elements.

2. **Error** Element `ul` not allowed as child of element `ol` in this context. (Suppressing further errors from this subtree.)  
From line 38, column 9; to line 38, column 39  
`>`  
`<ul style="list-style: circle">`  
Contexts in which element `ul` may be used:  
Where `flow content` is expected.  
Content model for element `ol`:  
Zero or more `li` and `script-supporting` elements.

3. **Error** End tag `br`.  
From line 63, column 1; to line 63, column 5  
`eien.</p></br>&#169`

Opdracht Onderwijsaanbod

Opdracht 4

Opdracht 5